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Combined Data Book

2005 & 2006



Prepared by: Office of Health
Information, Planning, Policy,
Evaluation, and Research
(HIPPER)



INTRODUCTION

I am pleased to present to you the Combined 2005-2006 Data Book for the City of Detroit. It is our mission here at the Detroit Department of Health and Wellness Promotion (DHWP) to improve health and quality of life of all residents of the City of Detroit through the application of best practices in the delivery of public health services. To this end, we hope that this serves as a resource to community stakeholders for planning and developing effective public health programs, policies, and practices for outcome-based prevention.

The DHWP has proudly issued annual data books for more than fifty years. The latest version contains a snapshot of selected health indicators, population, mortality, and natality trends, and provides various dimensions for assessment, including stratifications by race, ethnicity, gender, and geographical areas.

The Combined 2005-2006 Data Book also places special focus on DHWP priority areas. One priority area is Maternal and Child Health (MCH). In an effort to measure the City's status in this area, detailed charts and graphs of selected MCH indicators, such as birth and death rates, low birth weight, congenital abnormalities, and maternal age have been included. Two other priority areas presented in this data book include chronic and communicable diseases. This databook provides statistics on the leading causes of death and morbidity data for selected chronic and communicable diseases.

The Combined 2005-2006 Data Book describes key indicators used to measure the health status of the City of Detroit. On behalf of the DHWP staff, I thank our community stakeholders for their involvement and dedication to improve the lives and health of the citizens of Detroit. As your partner in building healthier communities in the City of Detroit, we hope you find the Combined 2005-2006 Data Book useful.

Yvonne E. Anthony, Ph.D, MHA, MBA
Director and Health Officer

Executive Summary

The Combined 2005-2006 Data Book contains statistics on the population of Detroit, including demographics, natality, mortality, and morbidity as a result of selected chronic and communicable diseases. The data presented here can be used to guide public health planning and identify areas of greater need for public health response. Highlights from the Combined Data Book include:

Population

- Overall, the population in the City of Detroit has declined by approximately 37,000 since the 2000 census (Table 1).
- The majority of the population decline occurred among White Non-Hispanic residents, from 212,278 in 1990 to 76,264 in 2006 (64% population decrease).
- There was a 1.7% population decrease among Black Non-Hispanics, from 774,528 in 1990 to 760,807 in 2006.
- The number of Hispanic residents increased significantly, from 28,473 residents in 1990 to 56,969 in 2006 (a 100% population increase).

Natality

- The birth rate has steadily declined since 1990. There were 14.3 and 14.2 births per 1,000 persons in 2005 and 2006, respectively (Table 2).
- Hispanics have the highest birth rate with 25.0 births per 1,000 persons compared to Whites Non-Hispanics and Black Non-Hispanics both in 2005 and 2006.
- Birth rates for Hispanics and White Non-Hispanics have however remained relatively steady for the years 1990-2006 (Tables 2b,c) while birth rates for Black Non-Hispanics has decreased from 25.2 (1990) to 13.8 per 1,000 persons (2006) (Table 2a).
- There were approximately 1,700 live births that were classified low birth weight in 2005 and 2006.
- For both Hispanics and White Non-Hispanics, Cluster 5 had the highest number of low birth weight live births (Table 12).
- Approximately 45% of all live births in Detroit are to a single-named parent (Table 18).

Mortality

- The number of infant deaths decreased from 230 (2003) to 210 (2005) to 175 (2006). Most infant deaths occurred in the neonatal period (Tables 35 and 36).
- Black Non-Hispanics had the highest neonatal mortality rate of 13.6 (2005) and 10.5 (2006) infant deaths per 1,000 live births (Table 37).
- Since 1990, the overall death rate has declined slightly from 11.4 (1990) to 9.1 (2006) deaths per 1,000 persons (Table 2).
- Assault was the leading cause of death for persons 25-34 year olds in 2005 and 2006, followed by unintentional injuries.
- Diseases of the heart were the leading cause of death for persons 35 and older (Table 29 and 30).
- Overall, drug induced deaths have slowly declined from 20.8 (1990) to 18.3 (2006) deaths per 100,000 persons (Table 43).

Morbidity, selected health indicators

Lead

- The citywide prevalence of lead poisoning in children has declined from 27.1% (1997) to 4.2% (2006).
- The number of children tested for lead has increased from 10,976 (1997) to 33,288 (2006) (Chart 17, Chart 16).
- Geographically, Conner, Vernor, Kettering-Butzel, Chadsey-Condon, St. Jean, State-Fair, Nolan, Tireman, Rosa Parks, Burbank, and the Airport sub-communities were identified as high risk areas due to the high prevalence of (Chart 21) lead poisoned children in 2006.

Tuberculosis (TB)

- TB continues to be a serious public health concern for the City of Detroit. Since 2000, the rate of TB has been fairly steady, with a slight decline in 2005 and 2006, from 10.4 to 7.4 infections per 100,000 persons, respectively (Chart 22).

Communicable Diseases

- There were 11 and 14 reported cases of Pertussis in 2005 and 2006, respectively.
- Reported cases of Hepatitis A and B have been declining since the late 1990's. Cases of Hepatitis C (HCV) have been increasing. In 2005 and 2006, there were 1330 and 1082 reported cases of HCV, respectively.
- Since the Varicella (chickenpox) vaccine was introduced in 1995, there has been a dramatic decrease in reported chickenpox cases, from 2032 (1995) to 11 (2006).

HIV/AIDS

- The number of deaths due to HIV/AIDS has dramatically decreased since the early 1990's, corresponding to an increase in the prevalence of HIV/AIDS cases (Chart 27).
- The peak years for diagnosis of new HIV cases were 1991-1993; subsequent years have shown a steady decline in both new HIV and new AIDS diagnoses.

Sexually Transmitted Infections (STI's)

- Chlamydia is the most frequently reported STI in the City of Detroit followed by gonorrhea. In 2005 and 2006, there were 13,425 and 11,071 reported cases of chlamydia, respectively and 9,363 (2005) and 6,839 (2006) reported cases of gonorrhea. Reported cases of gonorrhea and syphilis have decreased since the early 1990's, while the number of reported chlamydia cases showed a slight overall increase (charts 29, 30). Most cases of chlamydia and gonorrhea were reported among females, whereas syphilis cases were reported primarily among males (pg.24, 25).

Acknowledgements

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How to Use the Combined 2005 & 2006 Data Book

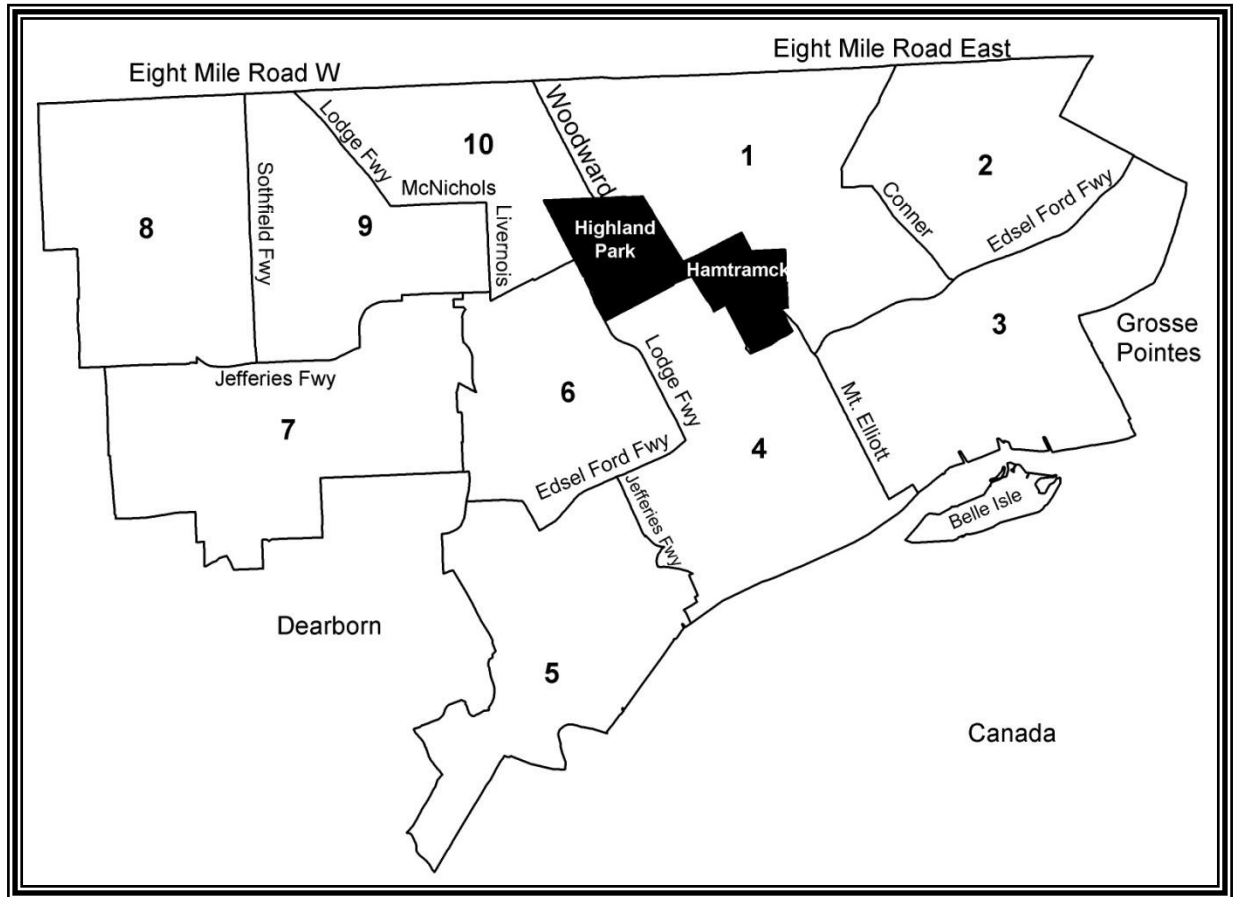
This book is intended to be a community resource for Detroit health data. The health topics discussed here include ones that are addressed by the Department and issues that have been identified as critical to the health of residents. Please see the Glossary (Appendix IV) for definitions of selected public health terms. Users of the Data Book should be mindful of these caveats:

1. Michigan and United States numbers, as presented, also include Detroit residents.
2. Users should be attentive to the ranges and distinctions between numbers, percentages, rates, and the data source when interpreting charts.
3. Though rates allow us to compare health indicators across communities, all rates are subject to variation based upon factors such as, the number of events and the population about whom the rate has been calculated. The meaning of rates based upon small numbers should be interpreted with caution. Other data may be needed to support the interpretation drawn from such rates.
4. Data for diseases are based upon reported cases. Due to under-reporting or reporting delays, reported numbers and calculated rates may not reflect the best sense of how the community is affected by a given disease. These numbers may change over time as the reported cases are updated. Rates and numbers across data sources may also differ depending upon the criteria used for case inclusion.
5. In order to compare health indicators from Detroit to the state and national levels, racial categories in this document are consistent with those used by the United States Census Bureau. Some groups in the Detroit population, such as Hispanic Americans, have traditionally been categorized as "White" for purposes of data collection. Ethnicity is beginning to be recorded and emphasized more accurately for health data use.

Those of "Hispanic" ethnicity are now represented in a category. Individuals who identify with Hispanic ethnicity may be of any race (i.e. Black, White). The Detroit Department of Health and Wellness Promotion is sensitive to community preferences regarding racial and ethnic categories. As more reliable data are reported concerning all Detroit residents, we will strive to report that data in ways that are meaningful for the whole population.

Please contact the Office of Health Information, Planning, Policy, Evaluation and Research (HIPPER) (313-876-0861) with any questions or comments.

Introduction to Neighborhood Clusters



In 1994, the Detroit Land Use Task Force was established to make recommendations on how the city could effectively use its resources and properties. Their recommendations included the suggestion that community based strategic planning processes take place at regional levels. For this purpose, the city was divided into ten (10) Neighborhood Clusters (also known as C.R.S. areas). Ten governing boards with representatives from the community were established with three objectives:

1. Identify opportunities that offer the most potential for improving the neighborhood and community;
2. Identify existing barriers to these opportunities; and,
3. Develop a common community planning database to attract investments, support project planning, and enhance community decision-making (CRS Overview, 1997).

In 1997, their results were published in an executive summary, and since that time the Department of Health and Wellness Promotion then named the (Detroit Health Department) has provided profiles of the ten (10) Neighborhood Clusters in its data book.

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Part I: Population, Vital Events and Demographics

Table 1: Population Change 1701-2006
Detroit Residents
By Year

Year ¹	Numbers			Percent	
	Total	White	All Others ²	White	All Others
1701	100		---		---
1750	650		---		---
1800	1,000		---		---
1850	21,019	20,432	587	97.2%	2.8%
1900	285,704	281,575	4,129	98.6%	1.4%
1910	465,766	459,926	5,840	98.7%	1.3%
1920	993,739	952,126	41,613	95.8%	4.2%
1930	1,568,662	1,446,656	122,006	92.2%	7.8%
1940	1,623,542	1,472,662	150,880	90.7%	9.3%
1950	1,849,568	1,545,847	303,721	83.6%	16.4%
1960	1,670,144	1,182,970	487,174	70.8%	29.2%
1970	1,511,482	838,877	672,605	55.5%	44.5%
1980	1,203,339	413,730	789,609	34.4%	65.6%
1990	1,027,974	222,316	805,658	21.6%	78.4%
2000 ³	951,270	116,599	834,671	12.3%	87.7%

Census Estimates

2001 ⁴	945,867	112,480	833,387	11.9%	88.1%
2002	940,463	108,361	832,102	11.5%	88.5%
2003	935,060	104,242	830,818	11.1%	88.9%
2004	929,626	100,123	829,533	10.8%	89.2%
2005	924,253	96,004	828,249	10.4%	89.6%
2006	918,849	91,885	826,964	10.0%	90.0%

¹ Population for years 1850-2000 is from the U.S. Census. Years 2001-2006 are DHWP population smooth-lined estimates.

² Historically, Detroit is predominantly white; the city changed dramatically during the 1960's. The "ALL OTHER" category remains for historical comparison.

³ Prior to 2001, numbers are based on actual reported population data from the US Census. The Census is conducted every ten years therefore the data for years 2001-2006 are between census estimates of populations. The methods used by the census vary, therefore population estimates will have some degree of variation in effort to predict the true population.

⁴ There has been an ongoing discussion between the US Census Bureau and City of Detroit in determining what is the most appropriate estimate to use for the population of Detroit for the between year census estimates. At the present moment there are four predominant estimates that have been considered. Social Compact, Census (Revised and Smooth-lined), and American Community Survey (ACS) estimates. For the purpose to reflect the best estimate of Detroit's population, the revised US Census number will be used where it is possible in this data book. In most cases the 2000 Census is used to calculate rates since there are insufficient breakdowns for sub-groups using the revised population figure. In addition, to accommodate the estimated 2006 Census population for Detroit, smooth-lining of the information was necessary for the years between 2000 and 2006.

Table 2: Summary of Vital Events 1990-2006
Detroit Residents

Year	Births	Deaths	Birth Rate ¹	Death Rate ¹	Vital Index ²	Natural Increase ³	Population ⁴
1990	24,129	11,705	23.5	11.4	206.1	12,424	1,027,974
1991	23,457	11,591	23.0	11.4	202.4	11,866	1,021,000
1992	21,549	11,255	21.3	11.1	191.5	10,294	1,014,000
1993	20,260	11,638	20.1	11.6	174.1	8,622	1,006,800
1994	19,421	11,357	19.6	11.4	171.0	8,064	992,000
1995	17,417	11,232	17.6	11.3	155.1	6,185	990,407
1996	16,586	10,134	16.6	10.1	163.7	6,452	1,000,000
1997	16,725	10,465	16.7	10.5	159.8	6,260	1,000,000
1998	16,429	10,107	16.9	10.4	162.6	6,322	972,129
1999	15,800	10,104	16.5	10.5	156.4	5,696	958,940
2000	15,892	9,981	16.7	10.5	159.2	5,911	951,270
2001	15,315	9,760	16.2	10.3	156.9	5,555	945,867
2002	14,337	9,589	15.2	10.2	149.5	4,748	940,463
2003	14,071	9,031	15.0	9.7	155.8	5,040	935,060
2004	13,619	8,812	14.6	9.5	154.6	4,807	929,626
2005	13,189	8,625	14.3	9.3	152.9	4,564	924,253
2006	13,016	8,324	14.2	9.1	156.4	4,692	918,849

Chart 1: Birth Rates 1990-2006
Detroit & U.S.A.

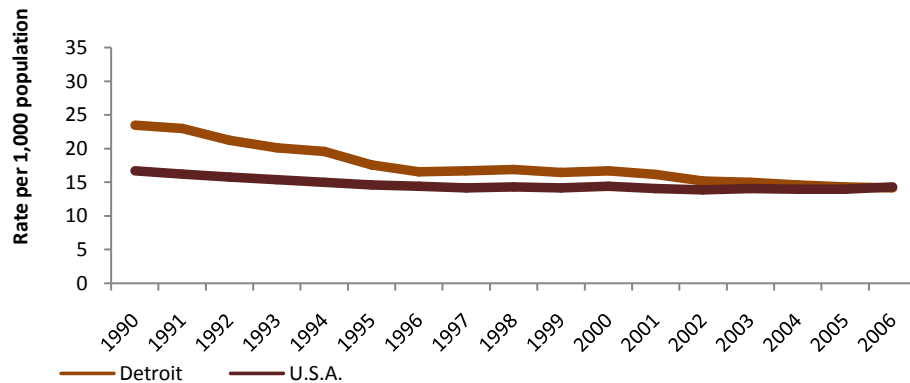


Chart 2: Death Rates 1990-2006
Detroit & U.S.A.

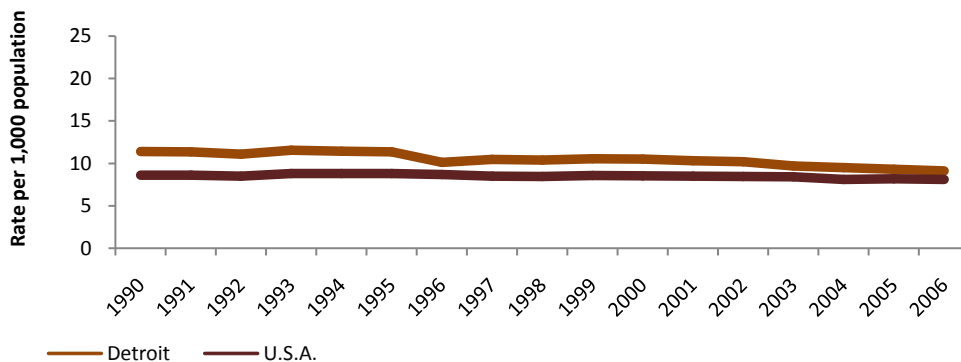


Table 2a: Summary of Vital Events 1990-2006
Black Non-Hispanic Detroit Residents

Year	Births	Deaths	Birth Rate ¹	Death Rate ¹	Vital Index ²	Natural Increase ³	Population ⁴
1990	19,510	6,924	25.2	8.9	281.8	12,586	774,528
1991	19,381	7,191	25.0	9.3	269.5	12,190	774,485
1992	17,908	7,037	23.1	9.1	254.5	10,871	773,991
1993	16,982	7,285	21.9	9.4	233.1	9,697	773,681
1994	16,224	7,305	21.0	9.4	222.1	8,919	773,427
1995	14,514	7,339	18.8	9.5	197.8	7,175	772,854
1996	13,730	7,876	17.8	10.2	174.3	5,854	772,592
1997	13,788	7,655	17.8	9.9	180.1	6,133	772,611
1998	13,739	7,734	17.8	10.0	177.6	6,005	772,595
1999	12,918	7,817	16.7	10.1	165.3	5,101	772,320
2000	12,802	7,824	16.6	10.1	163.6	4,978	771,965
2001	12,465	7,790	16.2	10.1	160.0	4,675	770,105
2002	11,566	7,772	15.1	10.1	148.8	3,794	768,246
2003	11,161	7,272	14.6	9.5	153.5	3,889	766,386
2004	10,815	7,231	14.1	9.5	149.6	3,584	764,526
2005	10,552	7,025	13.8	9.2	150.2	3,527	762,667
2006	10,430	6,928	13.7	9.1	150.5	3,502	760,807

Chart 3: Black Non-Hispanic Birth Rates 1990-2006
Detroit & U.S.A.

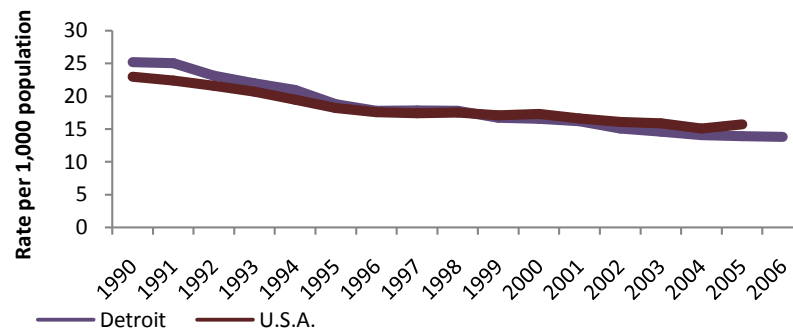


Chart 4: Black Non-Hispanic Death Rates 1990-2006
Detroit & U.S.A.

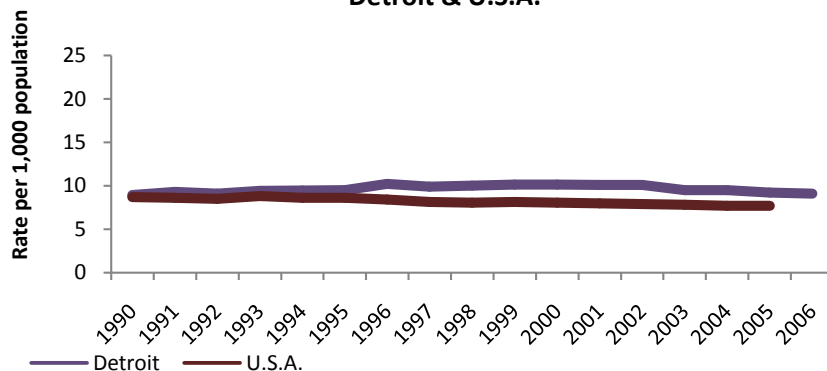


Table 2b: Summary of Vital Events 1990-2006
White Non-Hispanic Detroit Residents

Year	Births	Deaths	Birth Rate ¹	Death Rate ¹	Vital Index ²	Natural Increase ³	Population ⁴
1990	3,302	2,867	15.6	13.5	115.2	435	212,278
1991	3,217	2,620	15.5	12.6	122.8	597	207,786
1992	2,867	2,442	15.1	12.9	117.4	425	189,289
1993	2,480	2,412	14.7	14.3	102.8	68	168,837
1994	2,225	2,241	14.3	14.4	99.3	-16	155,360
1995	1,937	2,102	13.8	15.0	92.2	-165	140,140
1996	1,853	2,401	13.7	17.7	77.2	-548	135,700
1997	1,817	2,291	13.6	17.1	79.3	-474	133,798
1998	1,760	2,149	13.5	16.4	81.9	-389	130,785
1999	1,509	2,100	12.8	17.9	71.9	-591	117,520
2000	1,158	1,963	11.6	19.6	59.0	-805	99,921
2001	1,314	1,793	13.7	18.7	73.3	-479	95,978
2002	1,210	1,637	13.1	17.8	73.9	-427	92,035
2003	1,280	1,554	14.5	17.6	82.4	-274	88,093
2004	1,168	1,376	13.9	16.4	84.9	-208	84,150
2005	952	1,317	11.9	16.4	72.3	-365	80,207
2006	907	1,139	11.9	14.9	79.6	-232	76,264

Chart 5: White Non-Hispanic Birth Rates 1990-2006
Detroit & U.S.A.

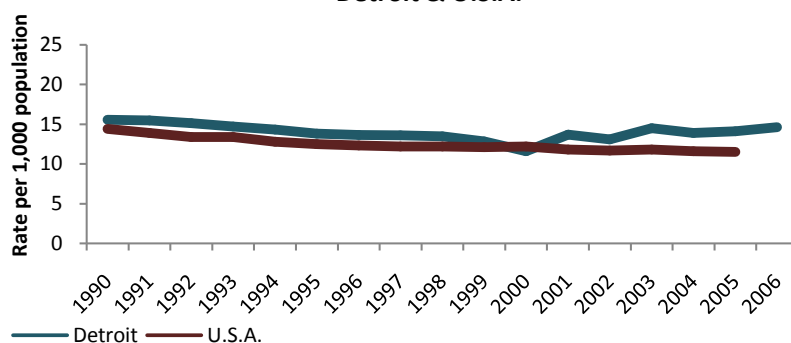


Chart 6: White Non-Hispanic Death Rates 1990-2006
Detroit & U.S.A.

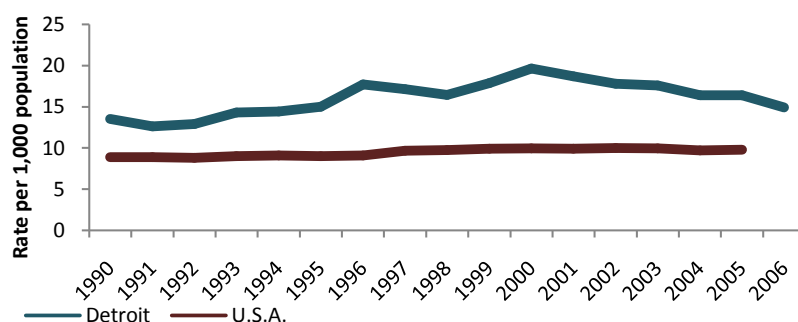


Table 2c: Summary of Vital Events 1990-2006
Hispanic Detroit Residents

Year	Births	Deaths	Birth Rate ¹	Death Rate ¹	Vital Index ²	Natural Increase ³	Population ⁴
1990	623	123	21.9	4.3	506.5	500	28,473
1991	560	93	21.3	3.5	602.2	467	26,246
1992	530	107	21.0	4.2	495.3	423	25,186
1993	537	102	21.1	4.0	526.5	435	25,434
1994	646	130	22.1	4.4	496.9	516	29,286
1995	699	117	22.4	3.8	597.4	582	31,158
1996	702	125	22.5	4.0	561.6	577	31,264
1997	820	111	23.1	3.1	738.7	709	35,434
1998	920	141	23.6	3.6	652.5	779	38,968
1999	1,022	132	24.0	3.1	774.2	890	42,502
2000	1,158	135	24.6	2.9	857.8	1,023	47,167
2001	1,296	124	26.6	2.5	1,045.2	1,172	48,807
2002	1,329	135	26.4	2.7	984.4	1,194	50,434
2003	1,366	169	26.2	3.2	808.3	1,197	52,068
2004	1,399	156	26.1	2.9	896.8	1,243	53,702
2005	1,384	170	25.0	3.1	814.1	1,214	55,355
2006	1,439	154	25.3	2.7	934.4	1,285	56,969

Chart 7: Hispanic Birth Rates 1990-2006
Detroit & U.S.A.

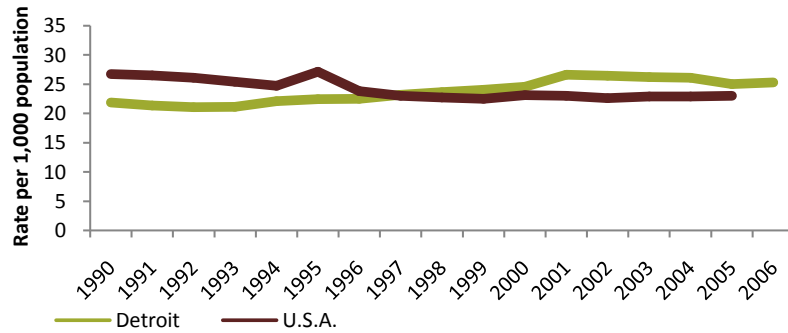
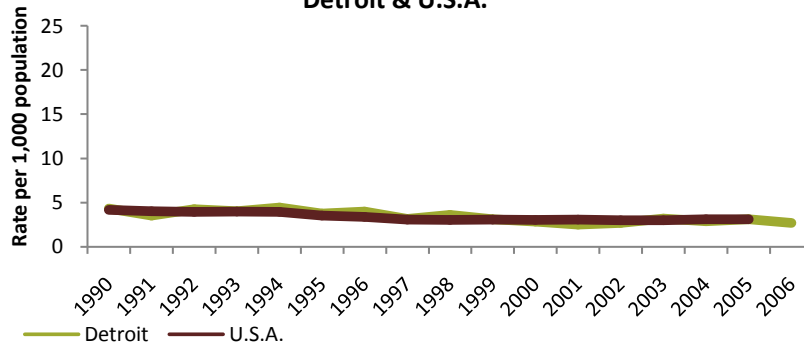
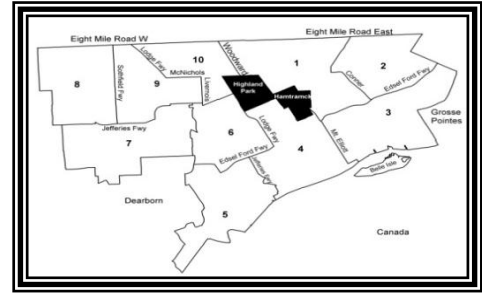


Chart 8: Hispanic Death Rates 1990-2006
Detroit & U.S.A.



**Table 3: Vital Index¹ of Detroit Residents
By Cluster, Race, and Hispanic Origin**



Year	Area	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ²
2000	Cluster 1	173.1	88.3	300.0	158.7
	Cluster 2	337.2	39.4	700.0	259.8
	Cluster 3	151.4	32.2	1,100.0	128.6
	Cluster 4	95.6	48.3	233.3	93.5
	Cluster 5	131.8	116.4	944.2	229.0
	Cluster 6	122.2	76.9	400.0	122.1
	Cluster 7	216.2	89.3	590.9	181.7
	Cluster 8	238.6	36.6	900.0	187.8
	Cluster 9	155.7	34.8	200.0	149.2
	Cluster 10	96.1	36.0	100.0	95.4
	Unclassifiable ³	165.8	77.5	857.8	160.0
2005	Cluster 1	100.0	163.9	166.7	159.1
	Cluster 2	23.5	283.1	80.0	228.6
	Cluster 3	26.1	131.6	100.0	114.8
	Cluster 4	56.0	96.9	100.0	94.5
	Cluster 5	111.1	110.3	1,003.3	276.8
	Cluster 6	57.9	114.3	1,900.0	115.4
	Cluster 7	94.6	188.7	557.1	168.8
	Cluster 8	52.7	202.1	275.0	179.6
	Cluster 9	27.5	135.5	250.0	132.7
	Cluster 10	35.0	97.9	300.0	97.6
	Unclassifiable ³	100.0	183.2	900.0	182.9
2006	Cluster 1	109.9	146.9	160.0	149.6
	Cluster 2	23.7	246.4	150.0	209.0
	Cluster 3	28.1	135.3	100.0	119.5
	Cluster 4	61.4	90.4	1,300.0	90.7
	Cluster 5	114.5	101.2	988.1	287.3
	Cluster 6	50.0	116.8	---	116.9
	Cluster 7	99.5	186.4	580.0	172.4
	Cluster 8	41.3	202.3	266.7	172.6
	Cluster 9	40.0	124.7	400.0	120.3
	Cluster 10	47.6	91.7	---	91.0
	Unclassifiable ³	288.2	410.9	3,650.0	426.6

--- Denotes vital index cannot be computed

¹Births per 100 deaths.

²The category "All races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³Unclassifiable includes persons where a cluster could not be established.

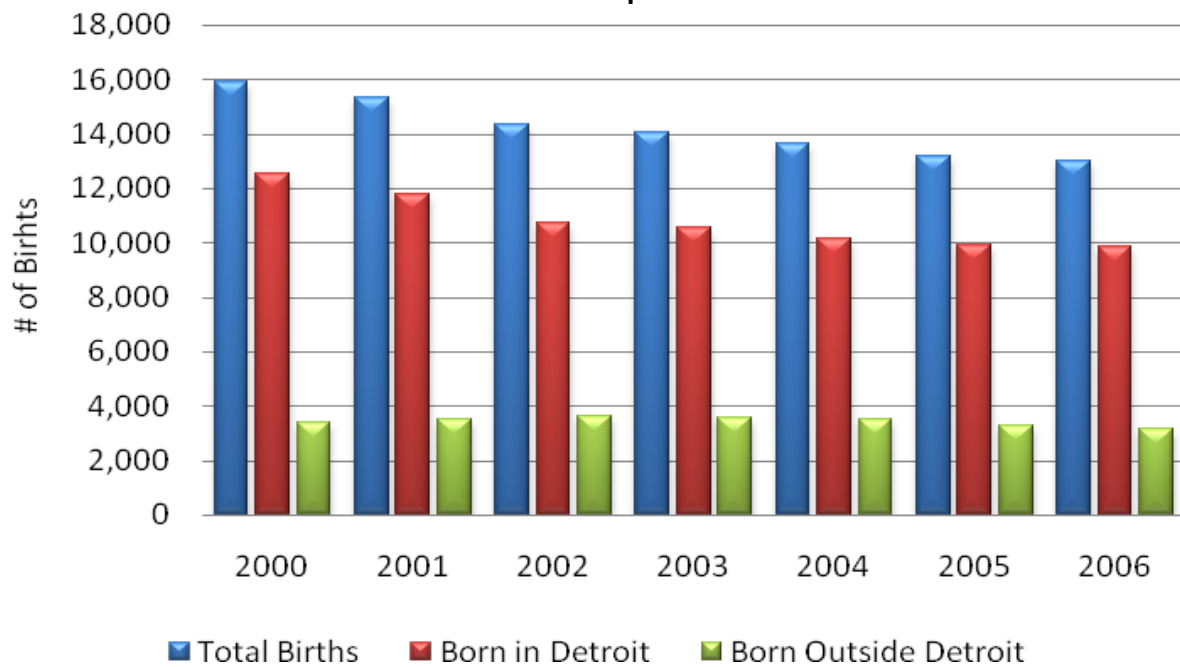
**Table 4: Geography of Births in Detroit
2000 – 2006
By Race and Hispanic Origin**

Births Occurring in Detroit						
	Year	Total Births	Born to Non-Residents	% Born to Non-Residents	Mobility ¹	Ratio ²
Total	2000	17,614	5,087	28.9	1,722	151.2
	2001	16,307	4,521	27.7	992	128.1
	2002	15,191	4,471	29.4	854	123.6
	2003	15,063	4,534	30.1	992	128.0
	2004	14,688	4,558	31.0	1,069	130.6
	2005	14,679	4,787	32.6	1,490	145.2
	2006	15,168	5,292	34.9	2,151	168.5
Black Non-Hispanic	2000	12,053	1,191	9.9	-904	56.8
	2001	11,191	1,076	9.6	-1,274	45.8
	2002	10,329	1,068	10.3	-1,237	46.3
	2003	10,074	1,067	11.0	-1,087	49.5
	2004	9,958	1,219	12.2	-857	58.7
	2005	9,851	1,375	14.0	-701	66.2
	2006	10,125	1,612	15.9	-305	84.1
White Non-Hispanic	2000	4,209	3,556	84.5	2,745	438.5
	2001	3,664	3,107	84.8	2,350	410.4
	2002	3,511	3,058	87.1	2,301	404.0
	2003	3,587	3,062	86.6	2,307	405.6
	2004	3,384	2,948	87.1	2,216	402.7
	2005	3,373	2,981	88.4	2,421	532.3
	2006	3,531	3,161	89.5	2,624	588.6
Hispanic	2000	970	117	12.1	-188	38.4
	2001	1,132	128	11.3	-164	43.8
	2002	988	103	10.4	-341	23.2
	2003	970	139	14.3	-396	26.0
	2004	946	125	13.2	-453	21.6
	2005	960	142	14.8	-424	25.1
	2006	999	147	14.7	-440	25.0

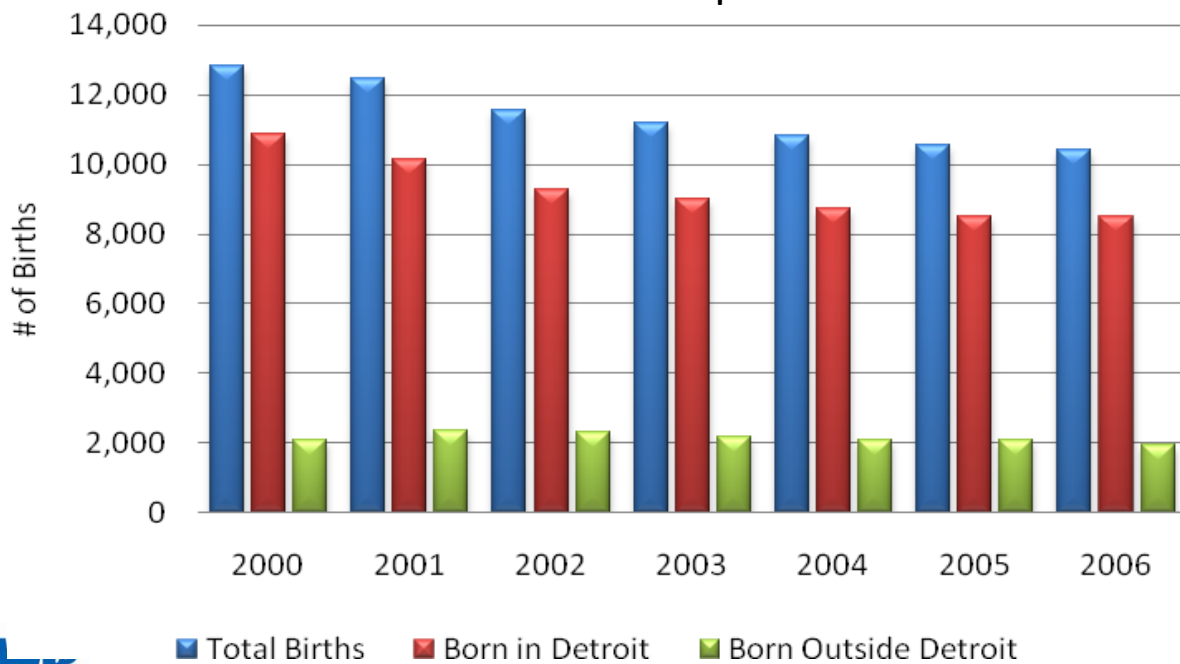
¹Mobility equals the number of non-resident births in Detroit minus Detroit resident births outside Detroit

²Ratio equals the number of non-resident births in Detroit per 100 resident births outside Detroit

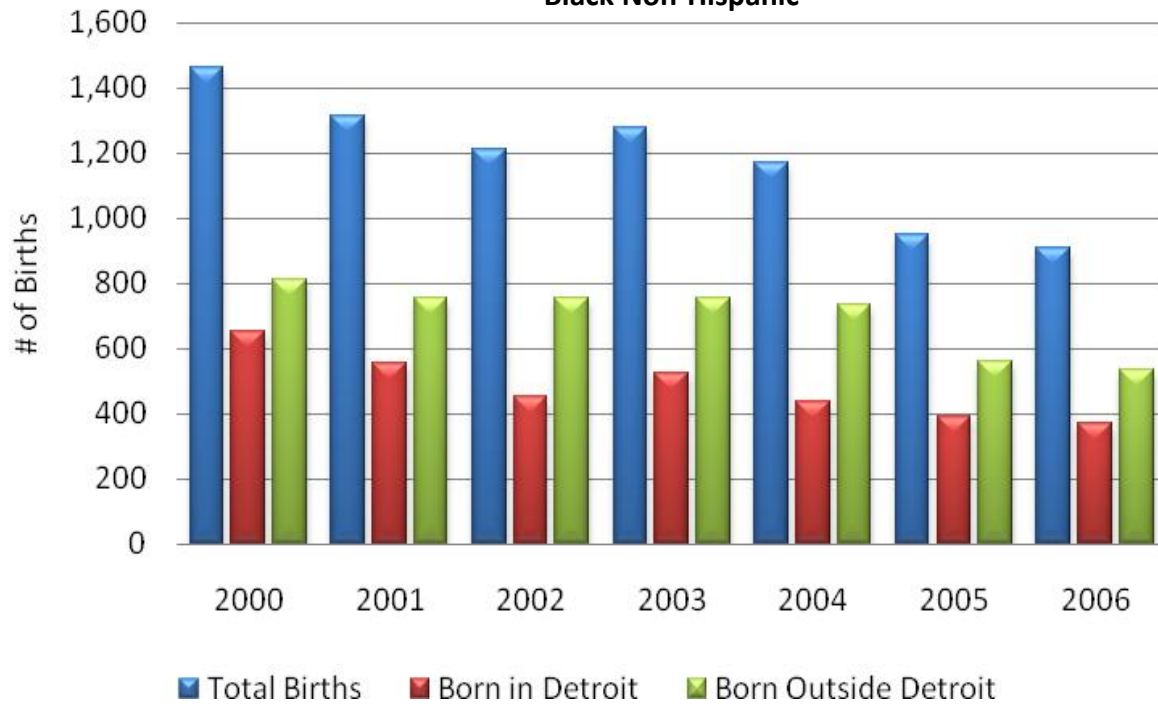
**Chart 9: Geography of Births of Detroit Residents
2000 – 2006
Total Population**



**Chart 10: Geography of Births of Detroit Residents
2000 – 2006
Black Non-Hispanic**



**Chart 11: Geography of Births of Detroit Residents
2000 – 2006
Black Non-Hispanic**



**Chart 12: Geography of Births of Detroit Residents
2000 – 2006
Hispanic**

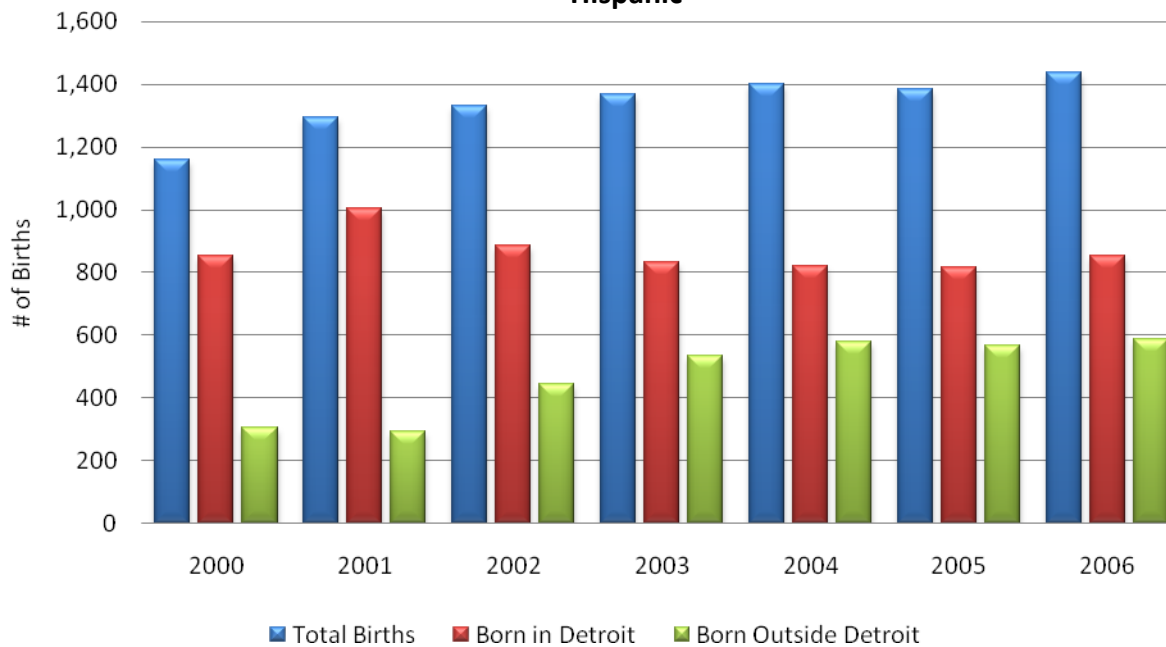
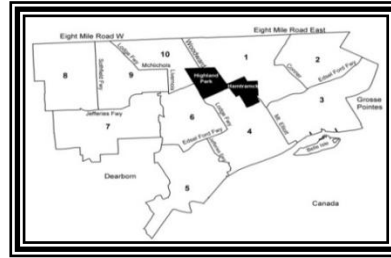


Table 5: Fertility Rates 2005
Detroit Residents
By Cluster, Race, and Hispanic Origin



Fertility Rate 2005 ¹				
Area	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ²
Citywide ³	58.0	51.4	130.2	60.5
Cluster 1	57.6	86.7	30.9	60.4
Cluster 2	60.5	19.3	17.7	57.0
Cluster 3	77.9	23.9	3.6	71.0
Cluster 4	36.9	25.7	37.4	36.1
Cluster 5	54.2	68.4	147.0	98.3
Cluster 6	59.2	48.5	121.0	59.1
Cluster 7	57.3	63.5	60.5	57.0
Cluster 8	53.3	28.9	42.6	50.5
Cluster 9	51.3	43.7	34.7	51.0
Cluster 10	46.7	12.8	22.1	45.1
Unclassifiable ⁵	UNK ⁴	UNK ⁴	UNK ⁴	UNK ⁴

Table 5a: Fertility Rates 2006
Detroit Residents
By Cluster, Race, and Hispanic Origin

Fertility Rate 2006 ¹				
Area	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ²
Citywide ³	57.3	49.0	135.3	59.7
Cluster 1	53.3	88.6	49.4	56.6
Cluster 2	57.9	17.1	13.3	54.2
Cluster 3	75.3	20.3	2.1	67.9
Cluster 4	34.6	21.6	40.5	33.3
Cluster 5	52.0	57.1	148.3	95.3
Cluster 6	54.1	30.8	114.6	53.3
Cluster 7	58.5	58.1	89.9	57.7
Cluster 8	51.2	24.9	31.0	47.6
Cluster 9	48.0	71.4	27.8	47.7
Cluster 10	43.4	18.2	36.8	41.9
Unclassifiable ⁵	UNK ⁴	UNK ⁴	UNK ⁴	UNK ⁴

¹Fertility Rate is the number of live births per 1,000 women aged 15-44 years according to the 2000 U.S. Census

²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, and Hispanic in origin.

³Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴Unk = Unknown, the rate could not be determined

⁵Unclassifiable are those where a cluster could not be established

Chart 13: City of Detroit by Age, Gender, and Race Specific Fertility Rates, 2005^{1,2,3}

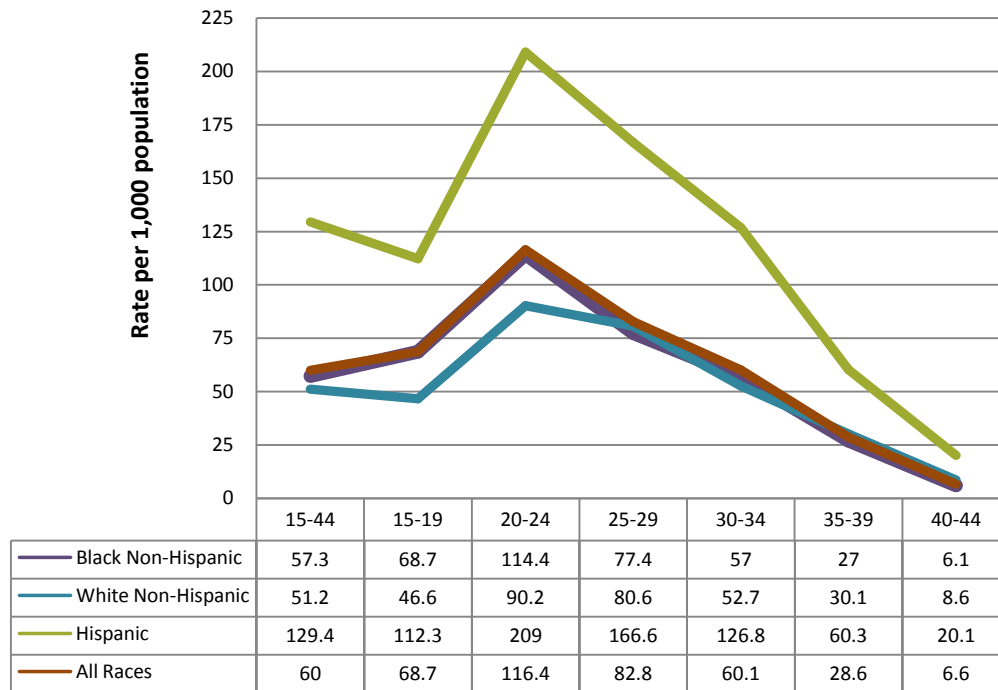
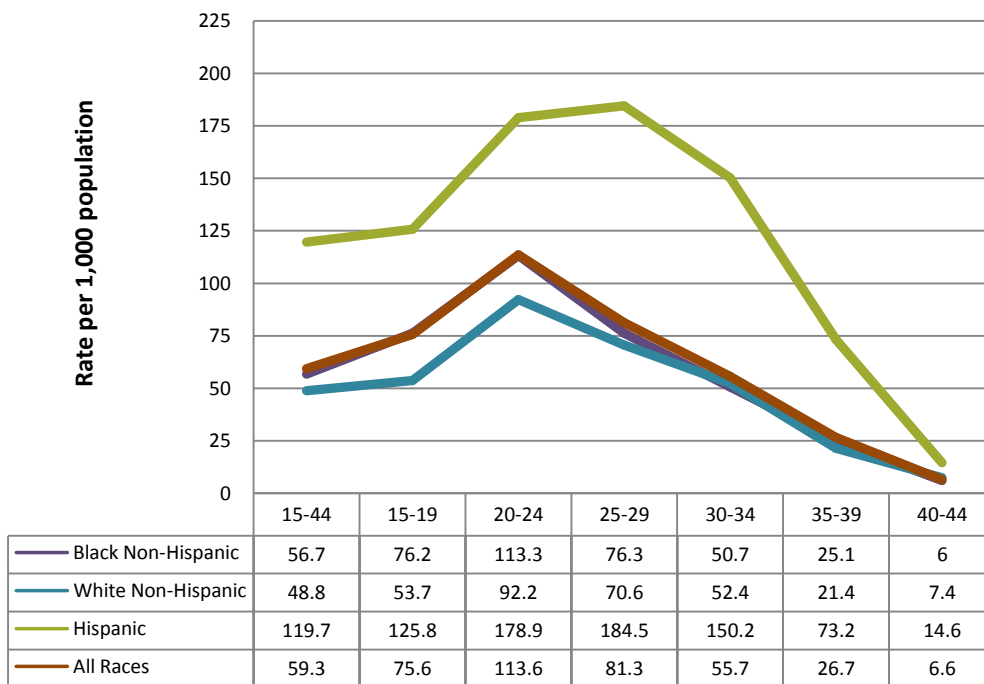


Chart 14: City of Detroit by Age, Gender and Race Specific Fertility Rates, 2006^{1,2,3}

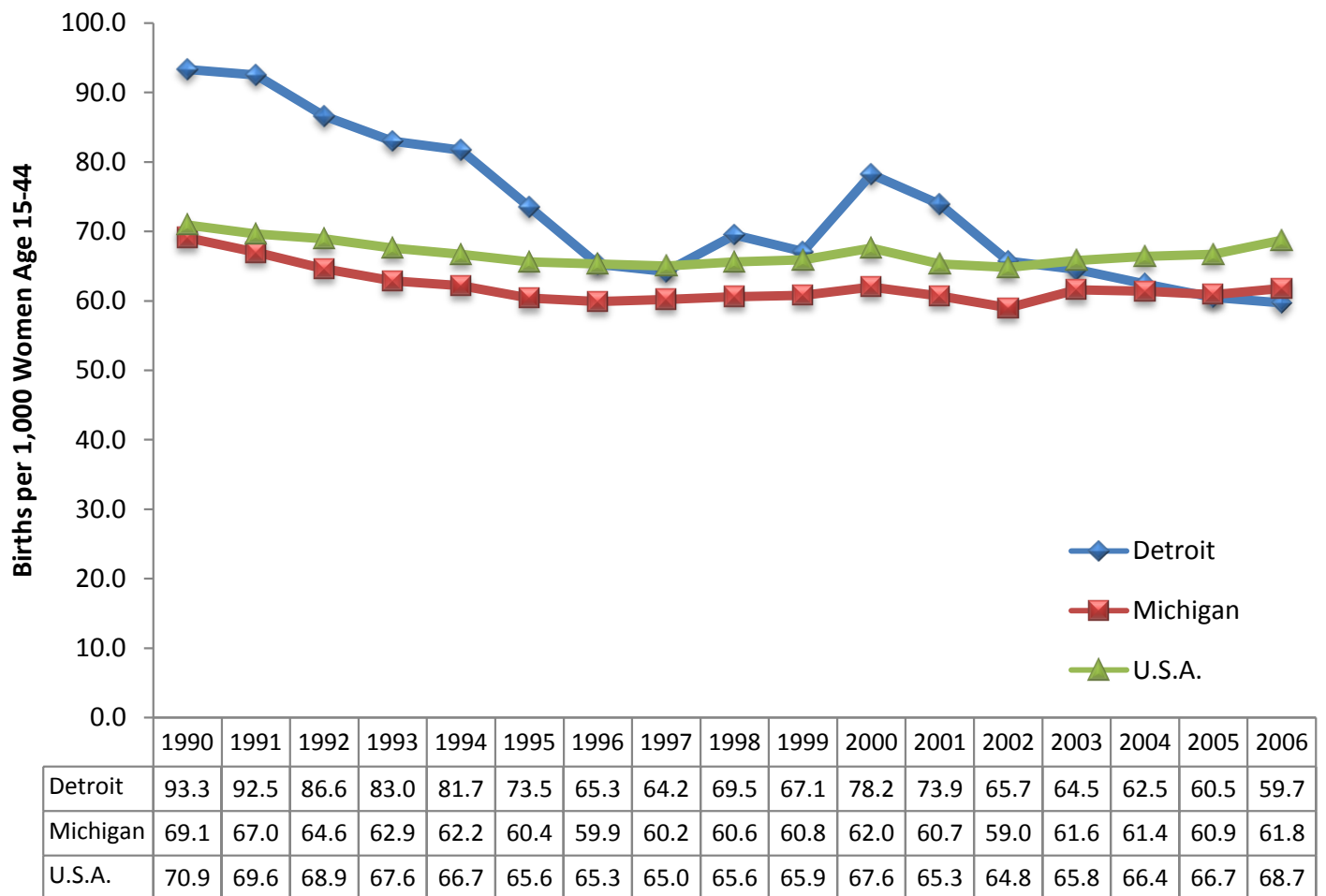


¹According to 2000 Census data

²Fertility rate is the number of live births per 1,000 women in the specified age group according to the 2000 U.S. Census

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, and Hispanic in origin.

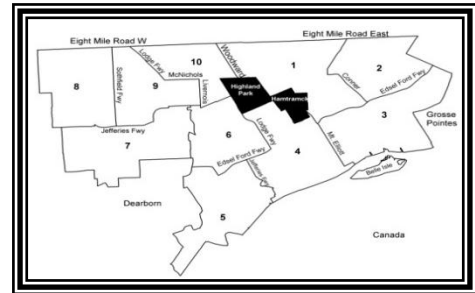
Chart 15: Fertility Rates¹1990-2006
Detroit, Michigan, and USA



¹ According to 2000 US Census data

² Fertility rate is the number of live births per 1,000 women in the specified age group according to 2000 US Census

**Table 6: Average Number of Living Children
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



Average Number of Living Children of Women Who Gave Birth in 2005 ¹				
Area	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ²
Citywide ³	1.4	1.7	1.3	1.5
Cluster 1	1.6	1.7	1.8	1.6
Cluster 2	1.4	2.1	1.5	1.9
Cluster 3	1.6	1.2	1.4	1.5
Cluster 4	1.5	1.4	0.8	0.5
Cluster 5	1.6	1.9	1.3	2.4
Cluster 6	1.6	1.8	0.9	1.6
Cluster 7	1.4	1.7	1.4	1.2
Cluster 8	1.3	1.2	1.4	1.1
Cluster 9	1.3	1.2	2.6	1.2
Cluster 10	1.3	0.9	0.3	1.3
Unclassifiable ⁴	1.4	1.5	1.0	1.1

**Table 6a: Average Number of Living Children
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

Average Number of Living Children of Women Who Gave Birth in 2006 ¹				
Area	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ²
Citywide ³	1.4	1.6	1.3	1.4
Cluster 1	1.5	1.9	2.0	1.3
Cluster 2	1.4	1.3	1.7	1.7
Cluster 3	1.5	0.9	0.8	0.8
Cluster 4	1.4	0.7	0.7	0.4
Cluster 5	1.4	1.7	1.3	2.6
Cluster 6	1.5	1.3	1.2	1.0
Cluster 7	1.4	1.8	1.7	0.9
Cluster 8	1.2	1.2	2.1	1.4
Cluster 9	1.3	1.4	1.8	1.6
Cluster 10	1.2	0.7	0.8	0.8
Unclassifiable ⁴	1.3	1.6	1.3	2.1

¹Average based upon information from birth certificates

²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

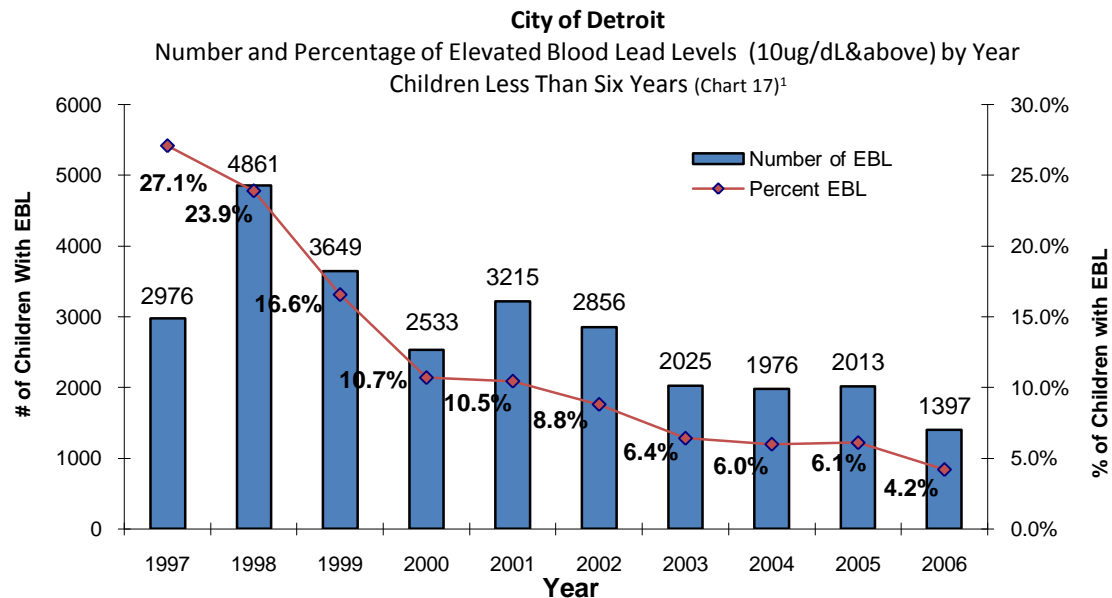
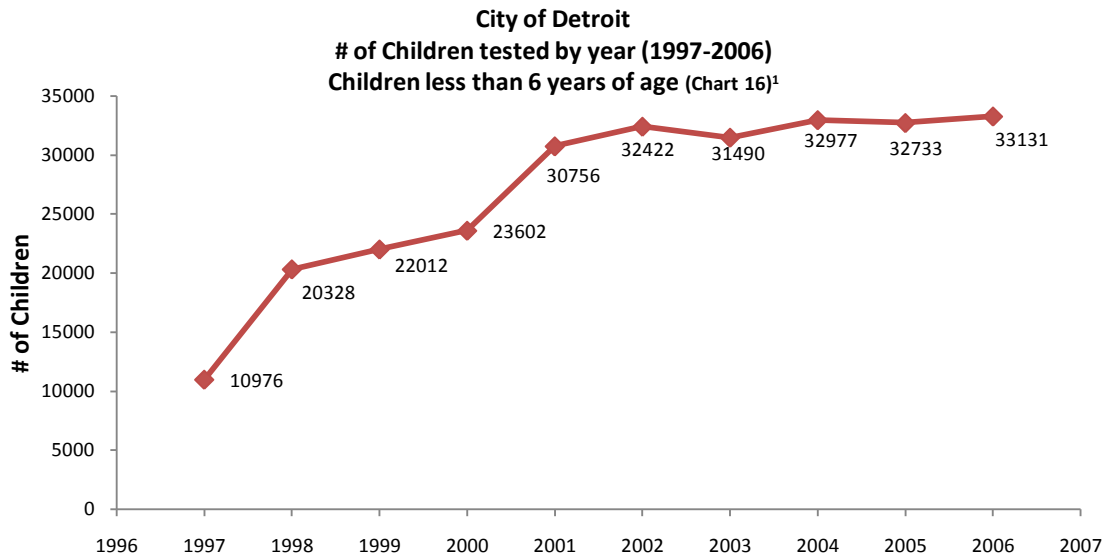
³Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴Unclassifiable are those where a cluster could not be established

Part II: Public Health Indicators

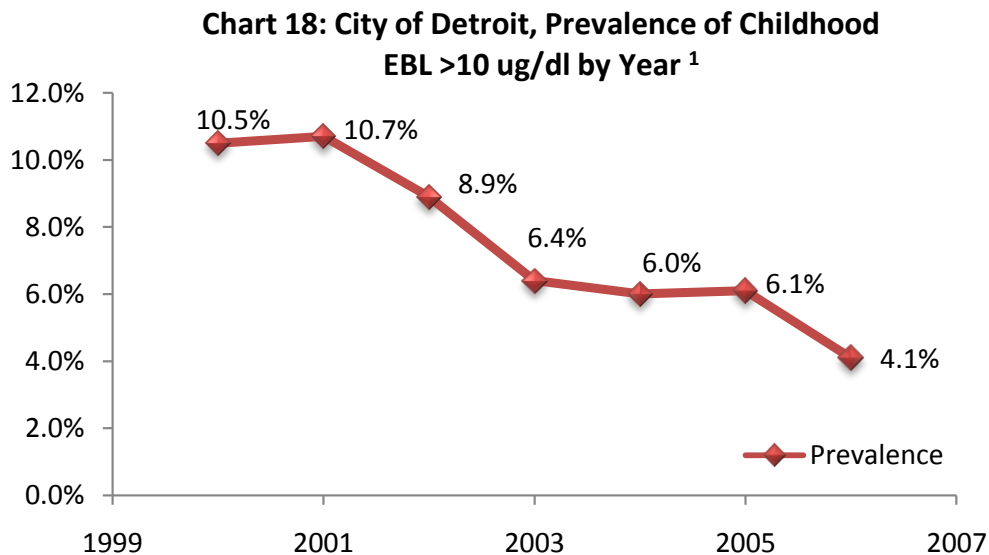
Childhood Lead Poisoning

A major public health issue, trend data shows that childhood lead poisoning has been on a decline over the past seven years. In 2006, there were 33,131 children less than six years old tested for lead poisoning in the city. This was 43.6 percent of all children less than six years old in the city of Detroit and approximately 25 percent of all testing done statewide.



¹Data Source: Detroit Childhood Lead Poisoning Prevention Program, STELLAR Database
 Note : Children Less Than Six Years equals Children up to 2189 days old or less

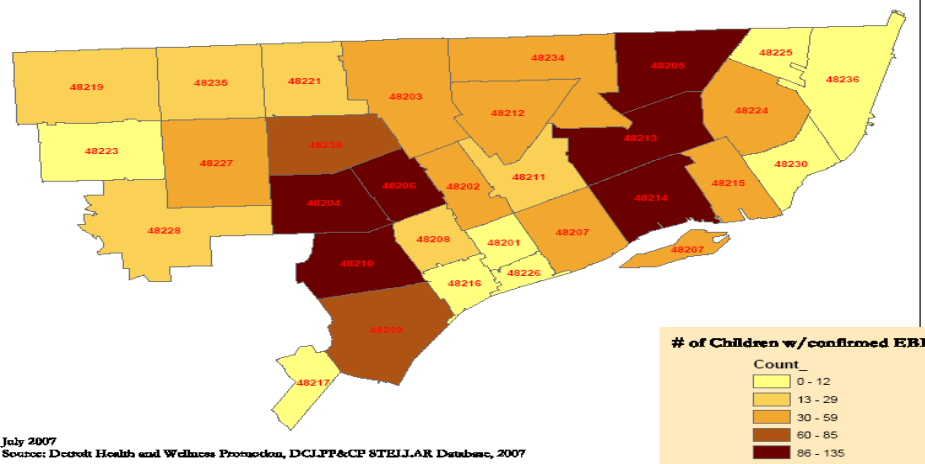
Our most recent data from 2006 show that the prevalence of childhood lead poisoning has decreased significantly from 6.1% in 2005 to 4.1% in 2006, a 32.7 percent decrease in the City’s childhood lead poisoning rate (MDCH, 2006).



¹Data Source: Detroit Childhood Lead Poisoning Prevention Program, STELLAR Database
 Note : Children less than 6 years of age denotes children < 2189 days

Some of Detroit’s zip codes with a high prevalence of children with EBL in 2006 are: 48205, 48213, 48214, 48204, 48206, and 48210 (DCLPP&CP Database, 2007). Surveillance data also show that these six zip codes contain over 53% of homes that previously had children test positive for EBL. When childhood lead poisoning is viewed geographically by Detroit’s subcommunities, it becomes apparent that Conner, Vernor, Kettering–Butzel, Chadsey–Condon, St. Jean, State–Fair Nolan, Tireman, Rosa Parks, Burbank, and the Airport subcommunities are the top ten hot spots for childhood lead poisoning in the city of Detroit (DCLPP&CP Database, 2007).

Chart 19 Detroit Children Less than Six Years with Confirmed Elevated Blood Lead Levels in 2006 by Zip Codes



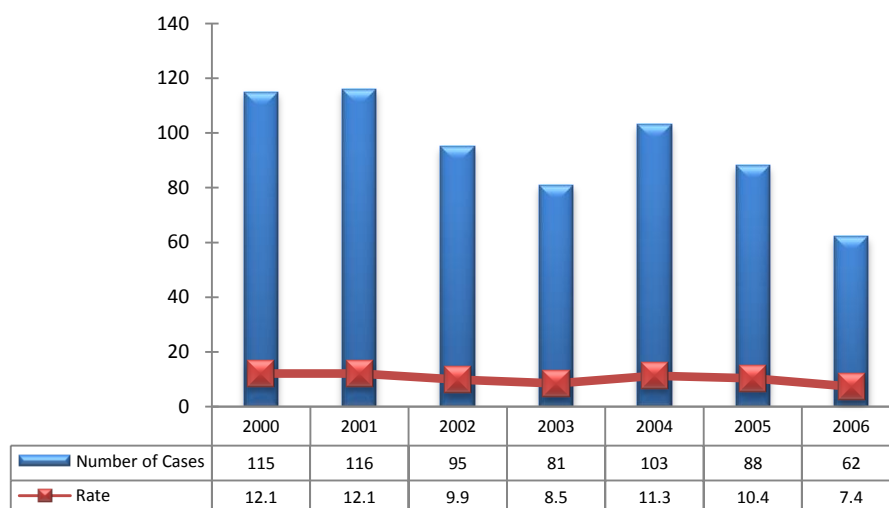
Tuberculosis (TB)

Tuberculosis continues to be a serious public health concern in the City of Detroit. In 2005, 88 cases were reported and in 2006 there were 62 cases. This represents a 14.6% decrease from 2004 to 2005 and 29.5% decrease from 2005 to 2006. The latest decrease would bring us closer to the goal of eliminating TB in the United States. However, as the number of cases decreases it becomes more difficult to locate and treat TB patients. Therefore, surveillance activities must become more proactive and targeted. The challenge is remaining vigilant with public and provider messages, targeted screening activities, and innovative methods for strongly encouraging and maintaining treatment compliance.

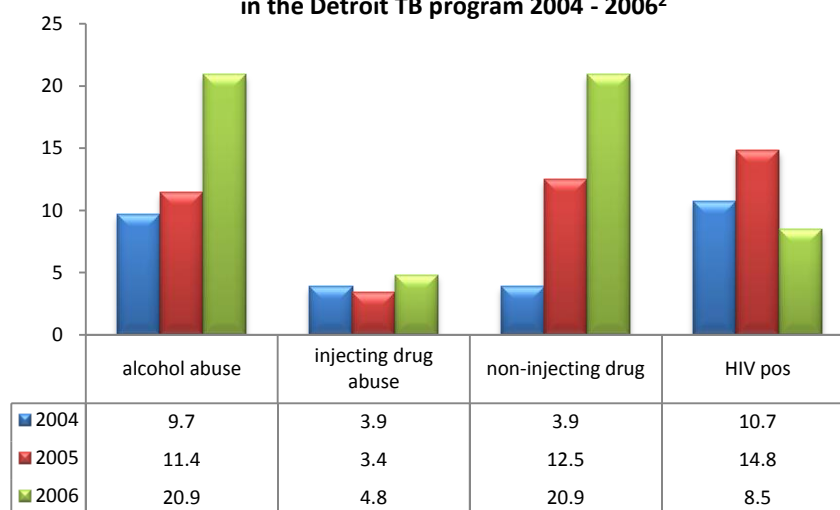
The general health status of many of the patients seen in the Detroit TB Program remains poor. Patients are typically sicker at diagnosis and many patients likely have co-existing or pre-

existing medical conditions or have undergone medical treatments that further weaken their immune systems. Some of these conditions include, but are not limited to, diabetes mellitus, cirrhosis of the liver, renal failure, leukemia or cancer. Patients also struggle with co-existing alcohol or substance abuse problems, and/or HIV infection.

**Chart 20: Detroit Reported Cases and Rates* of TB per 100,000
2000 - 2006 ¹**



**Chart 21: Health Status of Patients Seen
in the Detroit TB program 2004 - 2006²**



* All rates are calculated using 2005 and 2006 American Community Survey population estimates

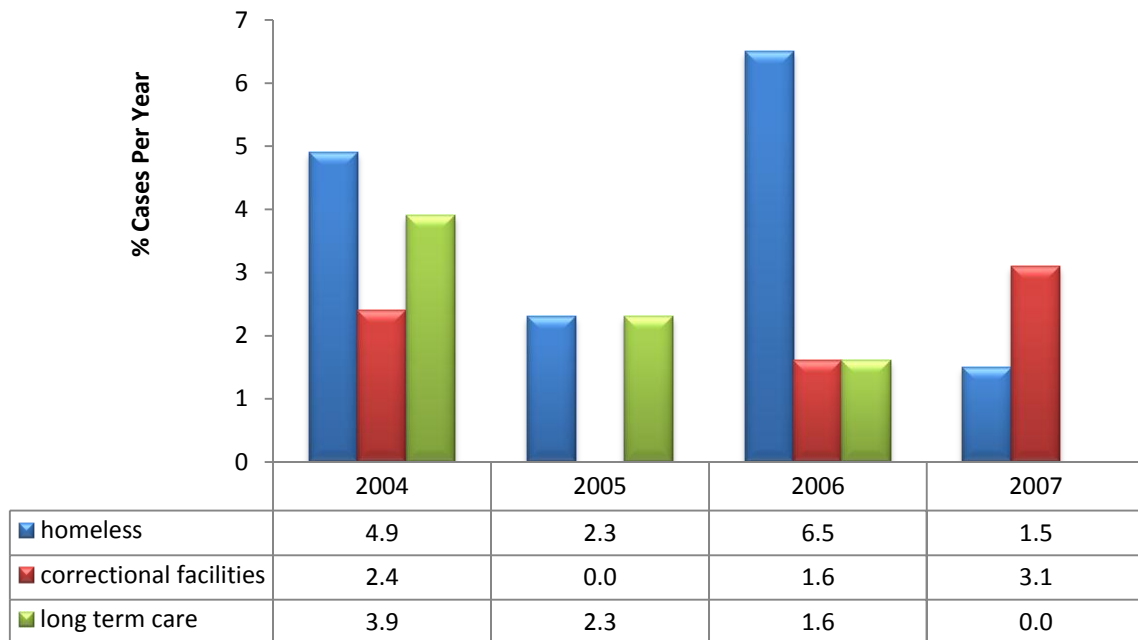
¹ Reported Tuberculosis in the United States, 2006. Centers for Disease Control and Prevention

² DHWP Tuberculosis (TB) program estimates

TB (Continued)

Those who are homeless or live in institutional settings are not equally affected by TB.

Chart 22: Living Arrangements of Patients seen in the Detroit TB program 2004 - 2007¹



¹ DHWP Tuberculosis (TB) program estimates

Vaccine Preventable Diseases¹

Varicella vaccine was first introduced to the public in 1995. Since then there has been a steady decline in the number of Varicella cases. In the 2 years prior to vaccine availability, there were 3,276 cases in 1993 and cases 3,238 in 1994 reported. By 2001, only 150 cases were reported. Beginning with the 2002-03 school year, proof of Varicella immunization or documentation of disease was required for students entering kindergarten or a new school district. This requirement further reduced disease incidence. See Chart 25.

Pertussis (whooping cough) is relatively uncommon in the United States. Adolescents and adults account for half of the reported cases. Pertussis vaccine was first introduced in the 1940s. Since its introduction there has been a reduction in the number of cases. At one point, disease reduction reached 99%. In 2005, we began to see increase in the number of reported cases. See Chart 26.

Chart 23: Reported Cases of Chickenpox to Detroit Residents 1995 - 2006

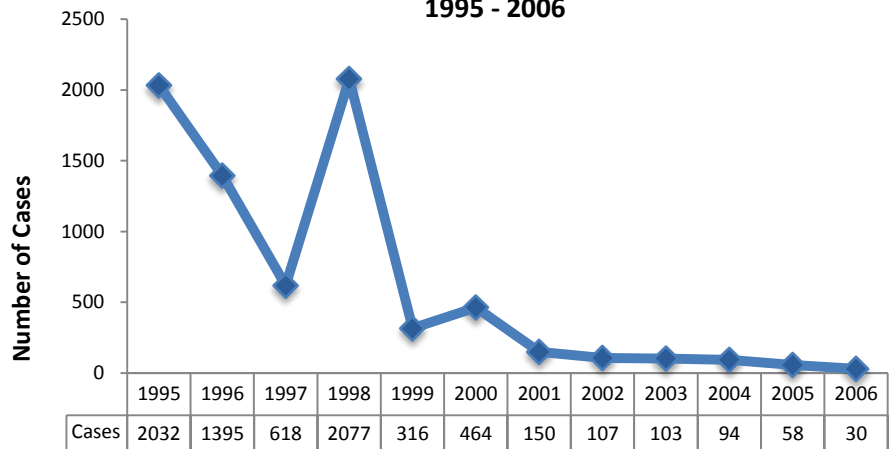


Chart 24: Reported Cases of Pertussis to Detroit Residents 1995 - 2006

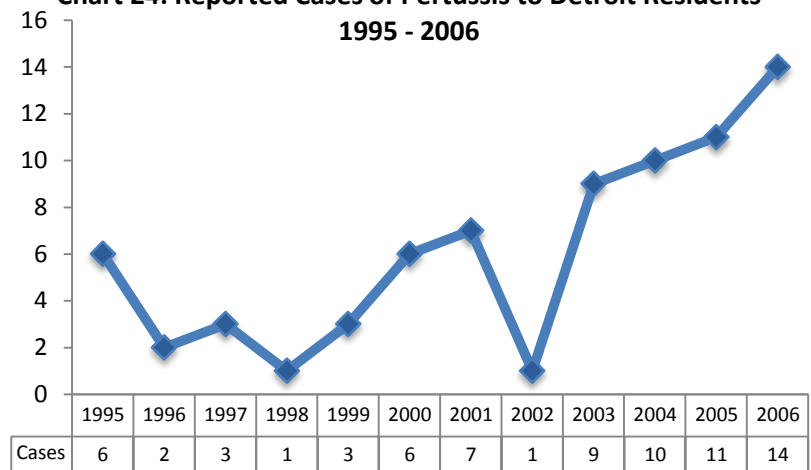


Table 7: Reported Number of Other Vaccine Preventable Diseases in Detroit 2005-2006

Disease	2005	2006
Diphtheria	0	0
H. influenzae - Inv.	1	1
Measles	0	0
Mumps	2	0
Polio	0	0
Rubella	0	0
Tetanus	1	0

¹ Numbers based on reported cases to the DHWP (Department of Health and Wellness Promotion).

Selected Communicable Diseases in Detroit 2005 and 2006¹

The year 2004 marked the introduction of the Michigan Disease Surveillance System. This system allowed internet-based communicable disease reporting.

The data in Tables 8 and 9 show the number of suspected cases of select foodborne illnesses and communicable diseases. The cases of foodborne illnesses and communicable diseases have not changed appreciably over time.

Reported cases of *Streptococcus pneumoniae*, inv have been down from 112 cases in 2003 and 94 cases in 2004 to 37 cases in 2005 and 38 cases in 2006. Hepatitis A and B have been on the decline as well. The number of Hepatitis A cases was highest in 1998 when 1038 cases were reported. While in 2005 and 2006, Hepatitis A had 14 and 15 cases reported respectively. The number of Hepatitis B cases was highest in 2000 when 137 cases were reported. For 2005 and 2006, 41 cases and 38 were reported for Hepatitis B respectively. While there has been a decline in Hepatitis A and B, Hepatitis C has increased steadily, reaching 1329 cases in 2005 and 1073 cases in 2006.

Table 8: Potential Foodborne Illnesses in Detroit 2005-2006

<i>Disease</i>	<i>2005</i>	<i>2006</i>
Salmonellosis	49	56
Campylobacter	29	30
Giardiasis	27	29
Shigellosis	20	15
Cryptosporidiosis	1	8
Amebiasis	1	2
Listeriosis	5	2
Escherichia coli 0157:H7	1	1
Typhoid Fever	0	1
Yersinia enteritis	3	0
Botulism - Foodborne	0	0
Shiga toxin, E. Coli, Non O157	0	0
Shiga toxin, E. Coli, Unsp	0	0

Table 9: Selected Communicable Diseases in Detroit 2005-2006

<i>Disease</i>	<i>2005</i>	<i>2006</i>	<i>Disease</i>	<i>2005</i>	<i>2006</i>
Hepatitis C, Chronic	1330	1082	West Nile Virus	7	12
Animal Bite	848	800	Meningitis - Bacterial Other	16	11
Hepatitis B, Chronic	410	387	Hepatitis C, Acute	10	4
Meningitis - Aseptic	126	146	Malaria	3	4
<i>Streptococcus pneumoniae</i> , Inv	52	59	Guillain-Barre Syndrome	5	3
Hepatitis B, Acute	47	41	Encephalitis, Primary	2	3
Streptococcal Dis, Inv, Grp A	37	38	Meningococcal Disease	4	3
Legionellosis	14	28	Staphylococcus Aureus Infect.	3	2
Hepatitis A	17	18	Hepatitis B, Perinatal	0	0
Cryptococcosis	21	14			
Kawasaki	7	12			

HIV/AIDS

Table 10: Estimate of HIV Prevalence^{1,*}

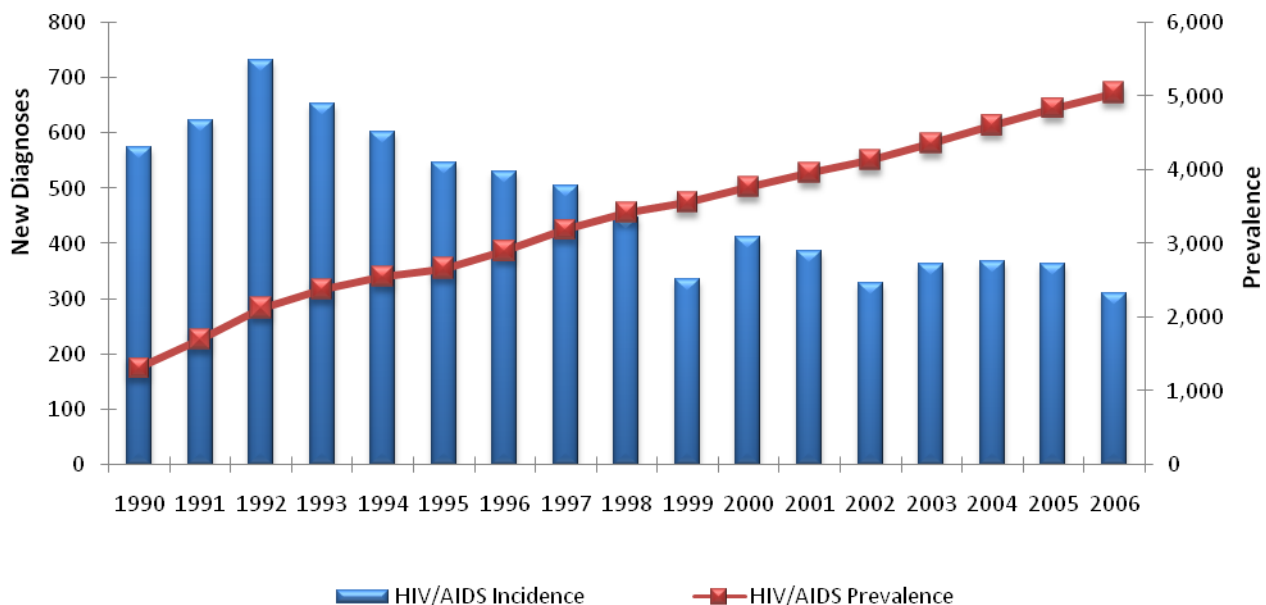
<i>Age at Diagnosis</i>	<i>2005</i>	<i>2006</i>
All Ages	7,000	7,200
0 - 12 years	110	110
13 - 19 years	270	300
20 - 24 years	770	820
25 - 29 years	1,080	1,110
30 - 34 years	1,270	1,280
35 - 39 years	1,290	1,310
40 - 44 years	960	980
45 - 49 years	620	650
50 - 54 years	360	370
55 - 59 years	150	160
60 - 64 years	60	60
65 years and over	50	50

The prevalence of HIV in Detroit has steadily increased over the years, likely due to the fact that those with HIV are living longer as result of improved medical treatments. The majority of cases with HIV/AIDS in Detroit occur in those 25-39 years of age.

This chart depicts the decline in incidence of HIV/AIDS over time. As noted, there has been a steady increase in the total number of cases. This trend can likely be attributed to the patients with HIV living longer due to medical advances in treatment.

¹ Numbers based on reported cases to the DHWP (Detroit Health and Wellness Promotion).

**Chart 25: HIV/AIDS Prevalence among Detroit Residents
1990-2006^{2,*}**



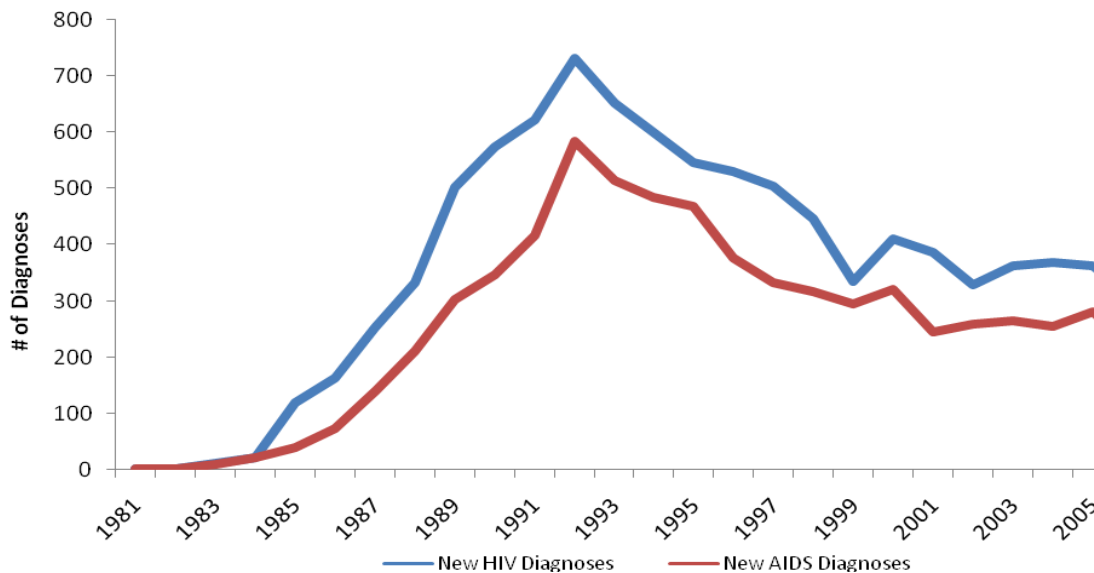
²Michigan Department of Community Health. HIV Surveillance section. Division of Communicable Diseases.HIV/AIDS data files.

* Reported numbers are estimates due to under-reporting and reporting delays of laboratory results into the surveillance system

Table 11: Estimate of New Diagnoses, Deaths, and Prevalence of HIV/AIDS in Detroit by

Year	HIV/AIDS			AIDS		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	2	1	1	2	1	1
1982	2	0	3	2	0	3
1983	11	4	10	10	4	9
1984	21	11	20	21	11	19
1985	120	25	115	40	25	34
1986	164	44	235	74	41	67
1987	253	79	409	140	74	133
1988	333	123	619	212	121	224
1989	502	175	946	302	167	359
1990	575	212	1,309	347	203	503
1991	623	235	1,697	417	222	698
1992	732	309	2,120	584	292	990
1993	653	401	2,372	514	377	1,127
1994	601	422	2,551	484	391	1,220
1995	547	437	2,661	468	401	1,287
1996	530	290	2,901	376	270	1,393
1997	504	217	3,188	332	193	1,532
1998	446	214	3,420	316	191	1,657
1999	335	196	3,559	294	173	1,778
2000	411	205	3,765	320	176	1,992
2001	386	191	3,960	245	162	2,005
2002	329	158	4,131	259	145	2,119
2003	363	134	4,360	266	114	2,271
2004	368	123	4,605	255	108	2,418
2005	364	132	4,837	282	121	2,579
2006	309	102	5,044	220	93	2,706
Total	9,753	4,512	5,241	6,939	4,140	2,799

Chart 26: New HIV/AIDS Diagnoses and Deaths (HIV/AIDS) 1981-2006



Source: MDCH, January 2008 Quarterly
HIV/AIDS Analysis: Detroit

¹This estimate includes all persons living in Detroit, Michigan at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed.

Reported Cases of Selected Sexually Transmitted Infections (STI) 1990-2006^{1,2,3}

Chlamydia is the most frequently reported STI in Detroit with 13,425 and 11,071 cases reported in 2005 and 2006, respectively. The second most frequently reported STI is gonorrhea with 9,363 reported cases for 2005 and 6,839 reported cases for 2006. There were 282 reported syphilis cases in 2006 and 202 reported cases in 2005. The charts show the rates of gonorrhea and syphilis are on the decline, while chlamydia is continuing to gradually increase (Charts 27 and 28).

Chart 27: Reported Cases of Syphilis in Detroit 1990-2006

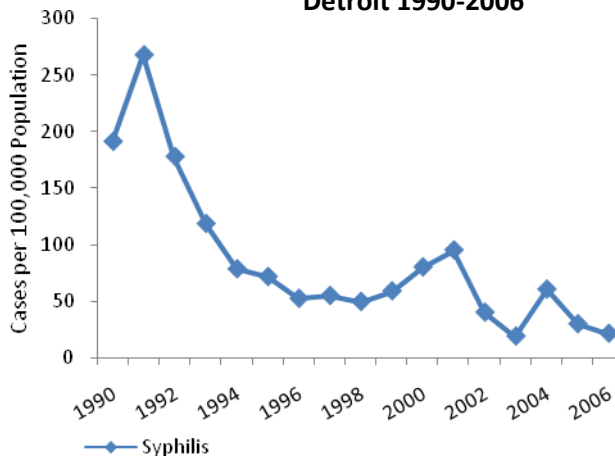
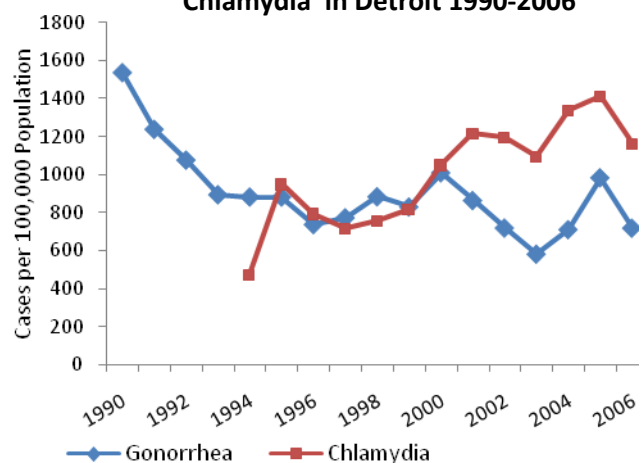


Chart 28: Reported Cases of Gonorrhea and Chlamydia³ in Detroit 1990-2006



Approximately half of the reported syphilis cases and 29% of the chlamydia cases in the state of Michigan are attributable to the City of Detroit. In 2006, the state of Michigan reported that rates for syphilis, gonorrhea, and chlamydia were 4, 154, and 377 cases per 100,000 population, respectively. In Detroit, the estimated rates for syphilis, gonorrhea, and chlamydia for 2006 were 21.2, 718.9 and 1163.8 cases per 100,000 population, respectively.

More than three-quarters of reported chlamydia cases were female (82% in 2005 and 79% in 2006). Detroit's rates for chlamydia were highest in the 15-19 and 20-24 age groups for females and males. (Charts 26 and 27) More than half of reported gonorrhea cases were female (51% in 2005 and 54% in 2006). Detroit's rate was highest for those in the 15-19 and 20-24 age group (Charts 28 and 29). For reported syphilis cases, more than half were male (63% in 2005 and 55% in 2006) (Charts 30 and 31). Detroit's highest rate among males was in the 25-29 and 30-44 year age groups, while for females it was in the 30-44 year age group.

¹Rate are based on populations reported in the 2000 US Census

²Chlamydia data only available from 1994-2006

³Detroit cases were obtained from the Michigan Department of Community Health STI Statistics

Rates of Chlamydia, Gonorrhea, and Syphilis in Detroit for 2005 & 2006 by Age and Gender^{1,2,3}

Chart 29: Rates of Chlamydia by Age and Gender for 2005

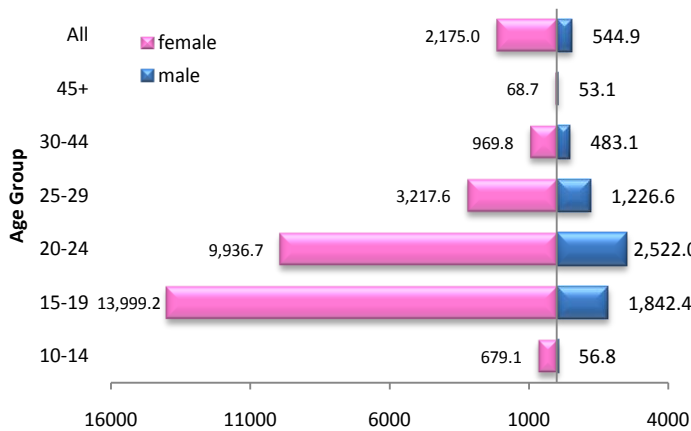


Chart 30: Rates of Chlamydia by Age and Gender for 2006

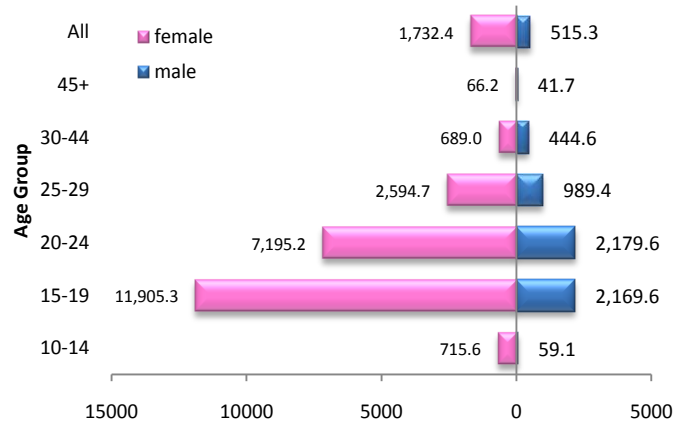


Chart 31: Rates of Gonorrhea by Age and Gender for 2005

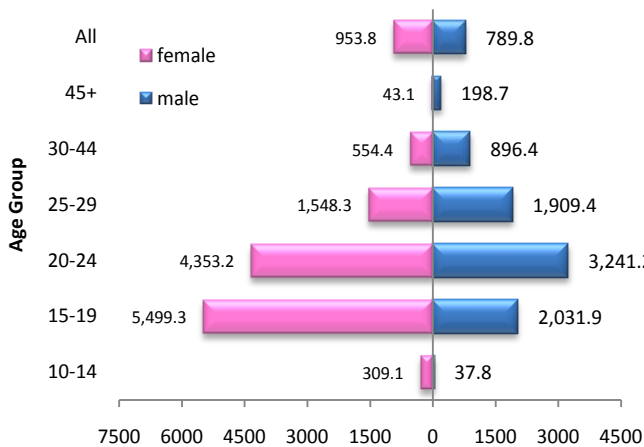


Chart 32: Rates of Gonorrhea by Age and Gender for 2006

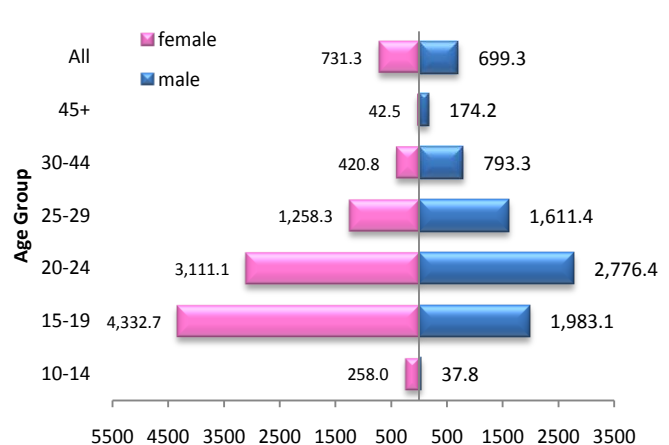


Chart 33: Rate of Syphilis by Age and Gender for 2005

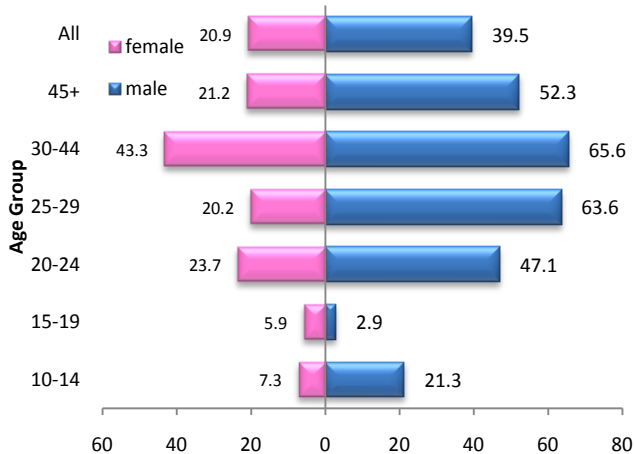
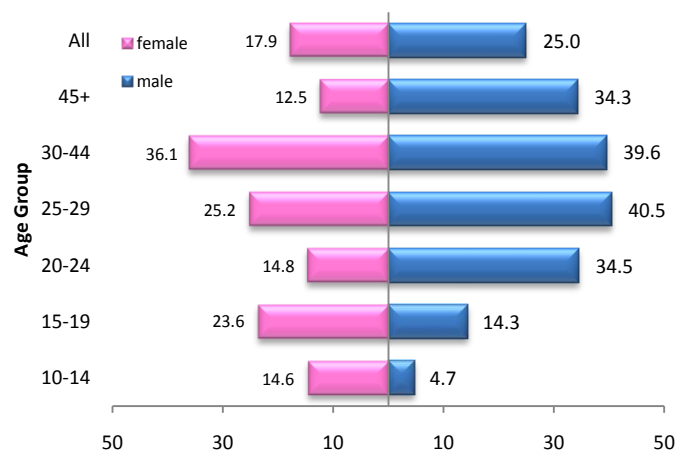


Chart 34: Rate of Syphilis by Age and Gender for 2006



¹ Rate per 100,000 in specified population

² Rate are based on population reported in the 2000 US Census

³ Cases were obtained from reported cases from Michigan Department of Community Health STD statistics for 2005 and 2006

Substance Use and Abuse in Detroit 2004-2006

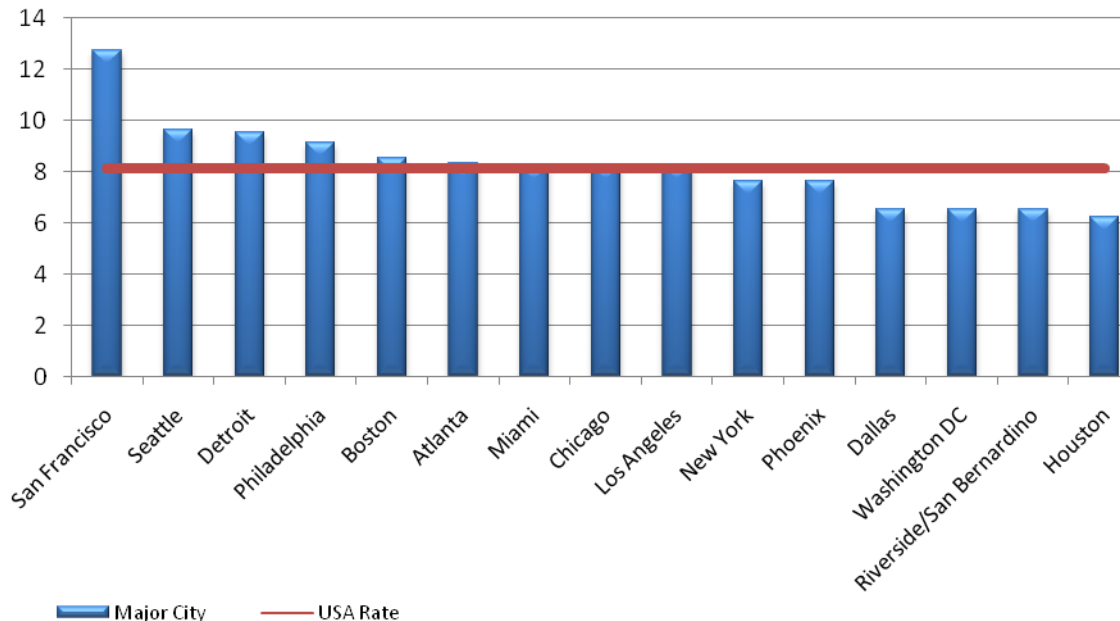
Substance use and abuse continues to be a large public health issue in the City of Detroit. During the years 2002 – 2005, the national annual average rate of current illicit drug use was 8.1% of persons aged 12 years or older. Among the 15 largest metropolitan statistical areas, Detroit had one the highest rates (9.5%). During the years 2004, 2005, and 2006, treatment admission rates doubled in most of Detroit zip codes (City of Detroit Substance Abuse Needs Assessment) with the highest admissions in 48201, 48202, 48206, and 48208. Those individuals in 2004-2006 admitted to substance abuse treatment programs were overwhelmingly male (90.0%) and African American (65%)(City of Detroit Substance Abuse Needs Assessment). Crack Cocaine was the primary substance of abuse for both 2005 and 2006, followed by heroin and alcohol. Heroin-related deaths have been on the rise since the 1990s in Detroit.

Table 12: Primary Substance by Year of Admission

<i>Substance</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>
Crack Cocaine	750	1720	1891
Heroin	708	1840	1726
Alcohol	566	1223	1250
Marijuana	239	632	1016
Cocaine	71	93	100
Other opiates	18	46	55
Methadone(illicit)	4	14	11
Ecstasy	0	3	7
Other*	3	4	2

*Other = Methcathinone, Ketamine, Inhalants, Other sedatives, Barbiturates

**Chart 35: Prevalence of Past Month Use of Any Illicit Drug 2002-2005
In Major Cities Across United States**

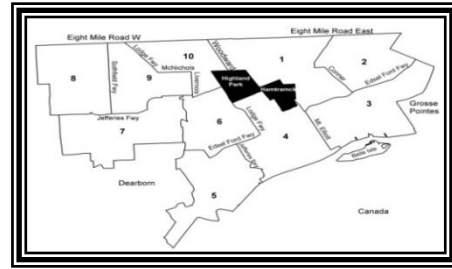


Fentanyl Overdoses:

The Wayne County Medical Examiner noticed an increase in drug-related deaths due to Fentanyl in 2005-2006. Fentanyl is a synthetic opiate much more potent than morphine. From August 28, 2005 to May 31, 2006 Detroit/Wayne County had one of the highest numbers of Fentanyl-related deaths. There were 130 Fentanyl-related deaths, 28 due to Fentanyl alone, while 102 involved Fentanyl combined with other illicit drugs.

Part III: NATALITY

**Table 13: Live Births and Birth Rates
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



2005	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ³	
Area	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Citywide ²	10,552	13.7	952	9.5	1,384	8.1	13,189	19.0
Cluster 1	1,077	13.2	141	13.8	5	5.7	1,303	13.2
Cluster 2	1,611	16.0	35	3.4	4	4.4	1,689	14.5
Cluster 3	1,275	13.6	46	3.8	7	7.5	1,341	12.3
Cluster 4	664	11.4	51	6.1	12	11.5	766	10.8
Cluster 5	268	11.7	331	13.8	1,234	32.6	1,860	20.9
Cluster 6	1,166	13.1	11	8.3	19	30.7	1,211	13.1
Cluster 7	1,272	13.8	209	11.1	39	14.0	1,543	13.0
Cluster 8	1,079	14.0	58	5.4	11	11.8	1,169	12.8
Cluster 9	1,150	11.9	11	6.5	5	8.0	1,184	11.7
Cluster 10	598	10.0	7	3.1	3	5.8	620	9.7
Unclassifiable ⁵	392	UNK ⁴	52	UNK ⁴	45	UNK ⁴	503	UNK ⁴

**Table 13a: Live Births and Birth Rates
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ³	
Area	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Citywide ²	10,430	13.5	907	9.1	1,439	8.4	13,016	18.7
Cluster 1	996	12.2	144	14.1	8	9.1	1,230	12.5
Cluster 2	1,540	15.3	31	3.0	3	3.3	1,607	13.8
Cluster 3	1,233	13.2	39	3.2	4	4.3	1,282	11.7
Cluster 4	622	10.7	43	5.1	13	12.4	706	10.0
Cluster 5	257	11.2	276	11.5	1,245	32.8	1,804	20.3
Cluster 6	1,065	12.0	7	5.3	18	29.1	1,091	11.8
Cluster 7	1,297	14.1	191	10.2	58	20.8	1,562	13.2
Cluster 8	1,036	13.5	50	4.7	8	8.6	1,103	12.1
Cluster 9	1,077	11.1	18	10.6	4	6.4	1,107	11.0
Cluster 10	555	9.2	10	4.4	5	9.6	577	9.0
Unclassifiable ⁵	752	UNK ⁴	98	UNK ⁴	73	UNK ⁴	947	UNK ⁴

¹Rate per 1,000 specified population according to 2000 U.S. Census

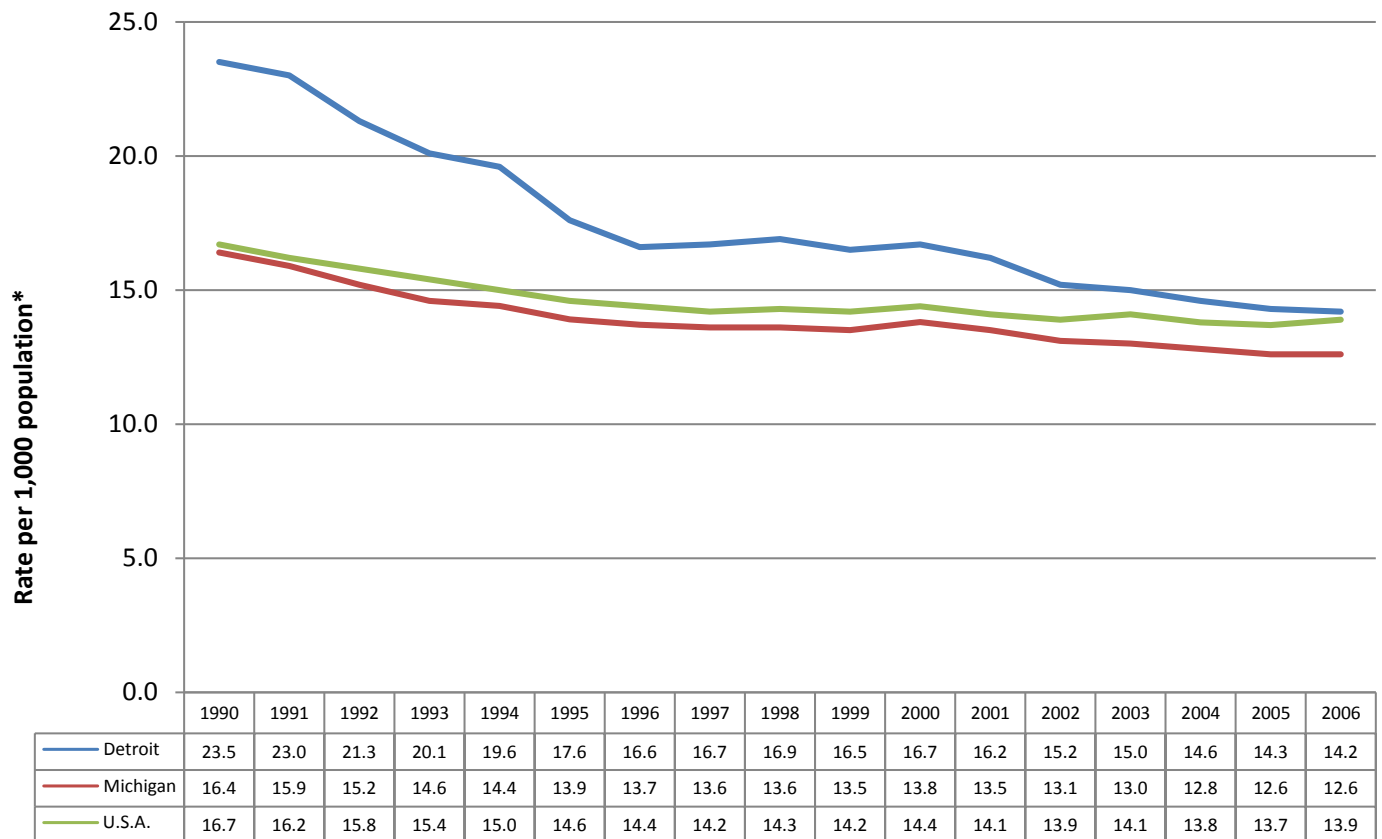
²Citywide includes persons from all clusters and those persons where a cluster could not be established

³The category "All Races" includes persons of race/ethnicity, including those persons that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

⁴UNK = Unknown, the rate could not be determined

⁵Unclassifiable are those where a cluster could not be established

Chart 36: Birth Rates 1990-2006 for Detroit, Michigan, and U.S.A.^{1,2*}

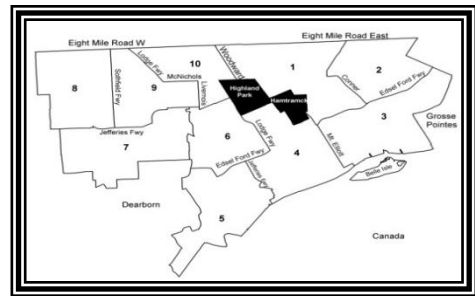


¹ Detroit birth rates are DHWP estimates from vital data

² Michigan and USA birth rates are MDCH estimates from natality trend data

*Detroit population for years 1990 and 2000 are US Census, all other years are DHWP estimates.

**Table 14: Monthly Distribution of Live Births
Among Detroit Residents for 2005
By Race and Hispanic Origin**



2005	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ³	
Birth Month	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Total	13,189	10,552	100.0	952	100.0	1,384	100.0	301	100.0
January	1,154	934	8.9	82	8.6	109	7.9	29	9.6
February	1,069	872	8.3	64	6.7	93	6.7	40	13.3
March	1,092	875	8.3	81	8.5	113	8.2	23	7.6
April	1,102	904	8.6	72	7.6	100	7.2	26	8.6
May	1,069	846	8.0	83	8.7	118	8.5	22	7.3
June	1,095	846	8.0	79	8.3	143	10.3	27	9.0
July	1,150	902	8.6	85	8.9	131	9.5	32	10.6
August	1,077	847	8.0	90	9.5	114	8.2	26	8.6
September	1,020	794	7.5	95	10.0	116	8.4	15	5.0
October	1,086	886	8.4	73	7.7	109	7.9	18	6.0
November	1,068	871	8.3	65	6.8	106	7.7	26	8.6
December	1,207	975	9.2	83	8.7	132	9.5	17	5.7

**Table 14a: Monthly Distribution of Live Births
Among Detroit Residents for 2006
By Race and Hispanic Origin**

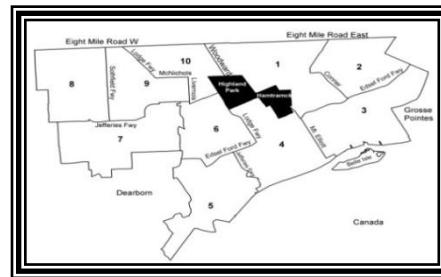
2006	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ³	
Birth Month	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Total	13,016	10,430	100.0	907	100.0	1,280	100.0	399	100.0
January	1,187	968	9.3	77	8.5	123	8.6	19	7.9
February	1,061	876	8.4	73	8.1	94	6.5	18	7.5
March	1,105	876	8.4	80	8.8	124	8.6	25	10.4
April	955	769	7.4	65	7.2	103	7.2	18	7.5
May	1,086	873	8.4	71	7.8	127	8.8	15	6.3
June	1,072	854	8.2	75	8.3	125	8.7	18	7.5
July	1,109	885	8.5	72	8.0	126	8.8	26	10.8
August	1,125	896	8.6	82	9.0	130	9.0	17	7.1
September	1,082	854	8.2	88	9.7	121	8.4	19	7.9
October	1,019	797	7.6	95	10.5	110	7.6	17	7.1
November	1,070	858	8.2	60	6.6	125	8.7	27	11.3
December	1,145	924	8.9	69	7.6	131	9.1	21	8.8

¹The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

²As a percentage of total births

³"Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

**Table 15: Average Birth Weight in Grams¹
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



2005	Black	White		
Cluster	Non-Hispanic	Non-Hispanic	Hispanic	All Races ²
Citywide ³	3055.9	3174.4	3344.9	3135.0
Cluster 1	3069.2	3079.9	3480.0	3145.1
Cluster 2	3020.3	3191.9	3226.8	3000.8
Cluster 3	2988.0	3176.9	3415.7	3234.9
Cluster 4	3094.4	3215.7	3028.7	3151.1
Cluster 5	3158.2	3184.3	3346.8	3296.6
Cluster 6	3075.2	2935.6	3511.4	3223.6
Cluster 7	3074.5	3249.1	3267.7	3004.6
Cluster 8	3082.1	3215.1	3123.3	3340.9
Cluster 9	3042.5	2953.8	3446.4	2960.1
Cluster 10	3080.3	2765.3	3674.7	2998.3
Unclassifiable ⁴	3063.4	3121.5	3379.8	3158.1

**Table 15a: Average Birth Weight in Grams¹
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006	Black	White		
Cluster	Non/Hispanic	Non-Hispanic	Hispanic	All Races ²
Citywide ³	3036.4	3215.5	3316.4	3122.6
Cluster 1	3069.2	3079.9	3480.0	3145.1
Cluster 2	3020.3	3191.9	3226.8	3000.8
Cluster 3	2988.0	3176.9	3415.7	3234.9
Cluster 4	3094.4	3215.7	3028.7	3151.1
Cluster 5	3158.2	3184.3	3346.8	3296.6
Cluster 6	3075.2	2935.6	3511.4	3223.6
Cluster 7	3074.5	3349.1	3267.7	3004.6
Cluster 8	3082.1	3215.1	3123.3	3340.9
Cluster 9	3042.5	2953.8	3446.4	2960.1
Cluster 10	3080.3	2765.3	3674.7	2998.3
Unclassifiable ⁴	3062.4	3121.5	3379.8	3158.1

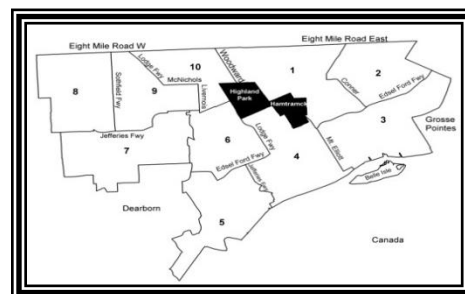
¹Excluded birth weights <500 grams

²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³Citywide includes persons from all clusters and those persons where a cluster could not be established

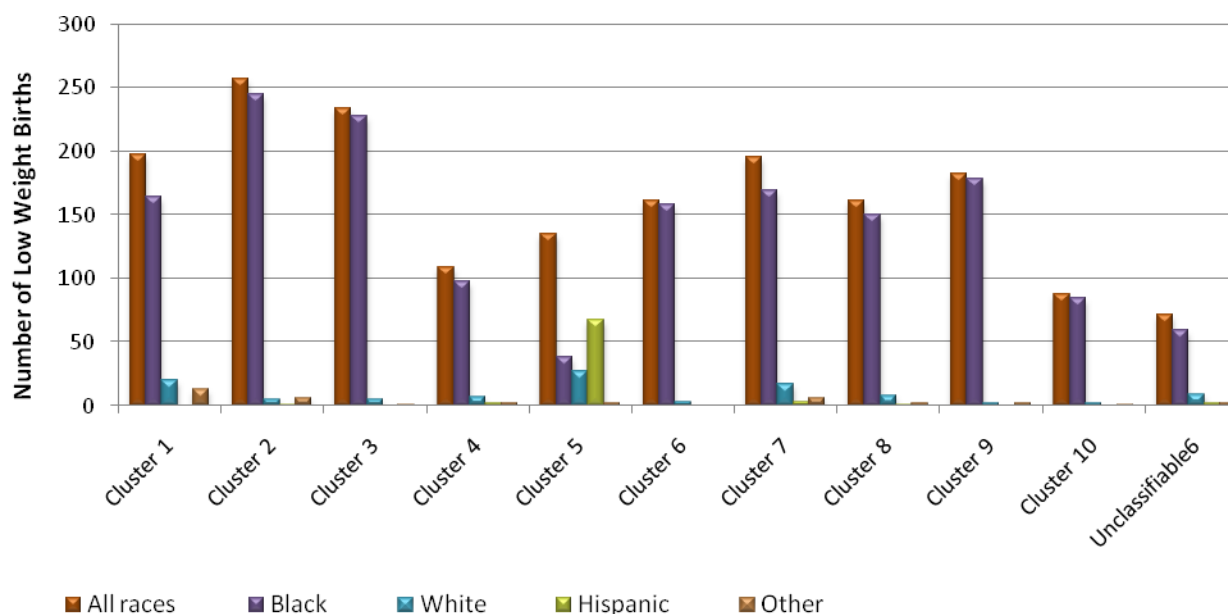
⁴Unclassifiable are those where a cluster could not be established

**Table 16: Percent and Number of Low Birth Weight Live Birth¹
Among Detroit Residents for 2005
By Cluster and Race**



2005	All Races ²	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁵	
Area	Number	Number	Percent ³	Number	Percent ³	Number	Percent ³	Number	Percent ³
Citywide ⁴	1,791	1,572	87.7	105	5.9	77	4.3	37	2.1
Cluster 1	197	164	83.3	20	10.2	0	0.0	13	6.6
Cluster 2	257	245	95.3	5	2.0	1	0.4	6	2.3
Cluster 3	234	228	97.4	5	2.1	0	0.0	1	0.4
Cluster 4	109	98	89.9	7	6.4	2	1.8	2	1.8
Cluster 5	135	38	28.2	27	20.0	68	50.4	2	1.5
Cluster 6	161	158	98.1	3	1.9	0	0.0	0	0.0
Cluster 7	195	169	86.7	17	8.7	3	1.5	6	3.1
Cluster 8	161	150	93.2	8	5.0	1	0.6	2	1.2
Cluster 9	182	178	97.8	2	1.1	0	0.0	2	1.1
Cluster 10	88	85	96.6	2	2.3	0	0.0	1	1.1
Unclassifiable ⁶	72	59	81.9	9	12.5	2	2.8	2	2.8

**Chart 37: Low Birth Weight Live Births Among Detroit Residents for 2005
by Cluster, Race**



¹Birth weight less than 2500 grams (5 pounds, 8 ounces). Excluded those that weigh <500 grams

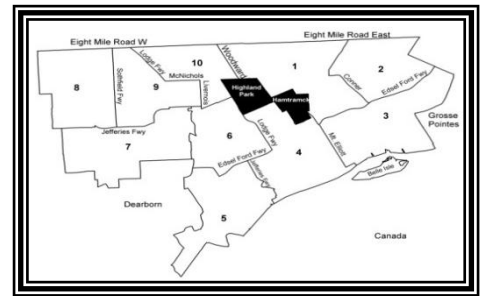
²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³As a percentage of births in the specified population

⁴Citywide includes persons from all clusters and those persons where a cluster could not be established

⁵"Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

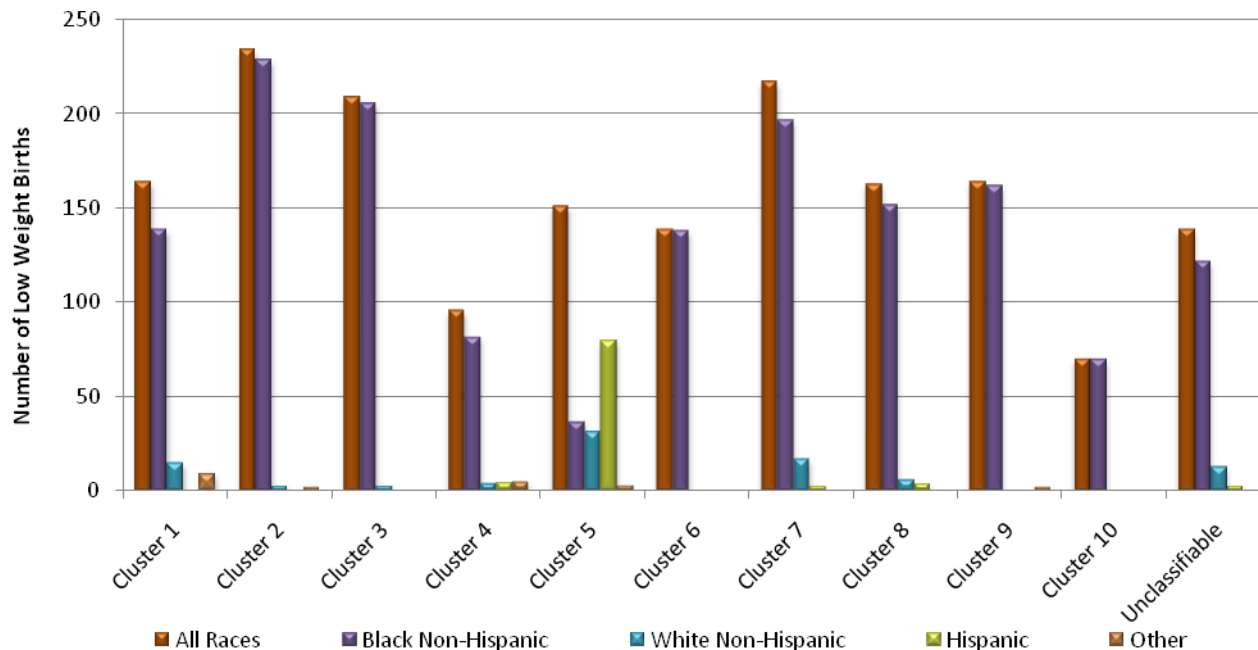
⁶Unclassifiable are those where a cluster could not be established



**Table 16a: Percent and Number of Low Birth Weight Live Birth¹
Among Detroit Residents for 2006
By Cluster and Race**

2006	All Races ²	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁵	
Area	Number	Number	Percent ³	Number	Percent ³	Number	Percent ³	Number	Percent ³
Citywide⁴	1,746	1,534	87.9	92	5.3	97	5.6	23	1.3
Cluster 1	164	139	84.8	15	9.1	1	0.6	9	5.5
Cluster 2	234	229	97.9	3	1.3	0	0.0	2	0.9
Cluster 3	209	206	98.6	3	1.4	0	0.0	0	0.0
Cluster 4	96	82	85.4	4	4.2	5	5.2	5	5.2
Cluster 5	151	37	24.5	31	20.5	80	53.0	3	2.0
Cluster 6	139	138	99.3	0	0.0	1	0.7	0	0.0
Cluster 7	217	197	90.8	17	7.8	3	1.4	0	0.0
Cluster 8	163	152	93.3	6	3.7	4	2.5	1	0.0
Cluster 9	164	162	98.8	0	0.0	0	0.0	2	1.2
Cluster 10	70	70	100.0	0	0.0	0	0.0	0	0.0
Unclassifiable⁶	139	122	81.9	13	9.4	3	2.2	1	0.7

**Chart 38: Low Birth Weight Live Births Among Detroit Residents for 2006
by Cluster and Race**



¹Birth weight less than 2500 grams (5 pounds, 8 ounces). Excluded those that weigh <500 grams

² The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³As a percentage of births in the specified population

⁴Citywide includes persons from all clusters and those persons where a cluster could not be established

⁵ "Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

⁶Unclassifiable are those where a cluster could not be established

**Table 17: Percentage of Live Births with
Low Birth Weight, Birth Complications and Multiple Births
Among Detroit Residents for 2005
By Age Group, Race, and Hispanic Origin**

	Frequency (Age Percent/Race Percent) Low Birth Weight ^{1, 2}				
Age of Mother	All Races ⁴	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁶
15-44	1,773	1,558 (87.9/100.0)	105 (5.9/100.0)	73 (4.1/100.0)	37 (2.1/100.0)
15-19	296	263 (88.9/16.9)	12 (4.1/11.4)	13 (4.4/17.8)	8 (2.7/21.6)
20-24	498	444 (89.2/28.5)	22 (4.4/21.0)	24 (4.8/32.9)	8 (1.6/21.6)
25-29	433	370 (85.5/23.7)	28 (6.5/26.7)	21 (4.8/28.8)	14 (3.2/37.8)
30-34	319	277 (86.8/17.8)	24 (7.5/22.9)	13 (4.1/17.8)	5 (1.6/13.5)
35-39	177	160 (90.4/10.3)	15 (8.5/14.3)	1 (0.6/1.4)	1 (0.6/2.7)
40-44	50	44 (88.0/2.8)	4 (8.0/3.8)	1 (2.0/1.4)	1 (2.0/2.7)

	Frequency (Age Percent/ Race Percent) With Complications ^{1, 3}				
Age of Mother	All Races ⁴	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁶
15-44	8,380	6,815 (81.3/100.0)	608 (7.3/100.0)	792 (9.5/100.0)	165 (2.0/100.0)
15-19	1,474	1,264 (85.8/18.5)	62 (4.2/10.2)	129 (8.8/16.3)	19 (1.3/11.5)
20-24	2,436	1,977 (81.2/29.0)	177 (7.3/29.1)	243 (10.0/30.7)	39 (1.6/23.6)
25-29	2,095	1,667 (79.6/24.5)	159 (7.6/26.2)	216 (10.3/27.3)	53 (2.5/32.1)
30-34	1,468	1,183 (80.6/17.4)	118 (8.0/19.4)	130 (8.9/16.4)	37 (2.5/22.4)
35-39	691	584 (81.0/8.6)	67 (9.3/11.0)	28 (3.9/3.5)	12 (1.7/7.3)
40-44	186	140 (75.3/2.1)	25 (13.4/4.1)	16 (8.2/2.0)	5 (2.7/3.0)

	Frequency (Age Percent/ Race Percent) With Multiple Births ^{1, 5}				
Age of Mother	All Races ⁴	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁶
15-44	527	482 (91.5/100.0)	28 (5.3/100.0)	11 (2.1/100.0)	6 (1.1/100.0)
15-19	38	36 (94.7/7.5)	0 (0.0/0.0)	0 (0.0/0.0)	2 (5.3/33.3)
20-24	143	138 (96.5/28.6)	2 (1.4/7.1)	2 (1.4/18.2)	1 (0.7/16.7)
25-29	175	159 (90.9/33.0)	12 (6.9/42.9)	3 (1.7/27.3)	1 (0.6/16.7)
30-34	106	88 (83.0/18.3)	10 (9.4/35.7)	6 (5.7/54.5)	2 (1.9/33.3)
35-39	55	53 (96.4/11.0)	2 (3.6/7.1)	0 (0.0/0.0)	0 (0.0/0.0)
40-44	10	8 (80.0/1.7)	2 (20./7.1)	0 (0.0/0.0)	0 (0.0/0.0)

¹As a percentage of total births

²Birth weight less than 2500 grams (5 pounds, 8 ounces). Excluded those that weigh <500 grams

³Complications are medical risk factors/complications during pregnancy/delivery as stated on the birth certificate

⁴ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

⁵Two or more births resulting from the same pregnancy

⁶"Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

**Table 17a: Percentage Live Births with
Low Birth Weight, Birth Complications and Multiple Births
Among Detroit Residents for 2006
By Age Group, Race, and Hispanic Origin**

	Frequency (Percent) Low Birth Weight ^{1, 2}				
Age of Mother	All Races ⁴	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁶
15-44	1,732	1,523 (87.9/100.0)	91 (5.3/100.0)	96 (5.5/100.0)	22 (1.3/100.0)
15-19	340	316 (92.9/20.7)	7 (2.1/7.7)	13 (3.8/13.5)	4 (1.2/18.2)
20-24	512	439 (85.7/28.8)	32 (6.3/35.2)	33 (6.4/34.4)	8 (1.6/36.4)
25-29	406	355 (87.4/23.3)	28 (6.9/30.8)	20 (4.9/20.8)	3 (0.7/13.6)
30-34	253	221 (87.4/23.3)	10 (4.0/11.0)	20 (7.9/20.8)	2 (0.8/9.1)
35-39	172	151 (87.8/9.9)	9 (5.2/9.9)	8 (4.7/8.3)	4 (2.3/18.2)
40-44	49	41 (83.7/2.7)	5 (10.2/5.5)	2 (4.1/2.1)	1 (2.0/4.5)

	Frequency (Percent) With Complications ^{1, 3}				
Age of Mother	All Races ⁴	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁶
15-44	8,040	6,579 (81.8/100.0)	549 (6.8/100.0)	789 (9.8/100.0)	123 1.5/100.0)
15-19	1,587	1,385 (87.3/21.1)	70 (4.4/12.8)	115 (7.2/14.6)	17 (1.1/13.8)
20-24	2,313	1,923 (83.1/29.2)	159 (6.9/29.0)	205 (8.9/26.0)	26 (1.1/21.1)
25-29	1,980	1,570 (79.3/23.9)	153 (7.7/27.9)	222 (11.2/28.1)	35 (1.8/28.5)
30-34	1,331	1,036 (77.8/15.7)	104 (7.8/18.9)	167 (12.5/21.2)	24 (1.8/19.5)
35-39	360	234 (35.5/3.6)	44 (6.7/8.0)	71 (10.8/9.0)	11 (1.7/8.9)
40-44	169	131 (77.5/2.0)	19 (11.2/3.5)	9 (5.3/1.1)	10 (5.9/8.1)

	Frequency (Percent) Multiple Births ^{1, 5}				
Age of Mother	All Races ⁴	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁶
15-44	489	415 (84.9/100.0)	33 (6.7/100.0)	34 (7.0/100.0)	7 (1.4/100.0)
15-19	75	69 (92.0/16.6)	4 (5.3/12.1)	2 (2.7/5.9)	0 (0.0/0.0)
20-24	123	106 (86.2/25.5)	10 (8.1/10.3)	5 (4.1/14.7)	2 (1.6/28.6)
25-29	159	144 (90.6/34.7)	11 (6.9/33.3)	4 (2.5/11.8)	0 (0.0/0.0)
30-34	70	58 (82.9/14.0)	2 (2.9/6.1)	10 (14.3/29.4)	0 (0.0/0.0)
35-39	51	32 (62.7/7.7)	4 (7.8/12.1)	13 (25.5/38.2)	2 (3.9/28.6)
40-44	11	6 (54.5/1.4)	2 (18.2/6.1)	0 (0.0/0.0)	3 (27.3/42.9)

¹As a percentage of total births

²Birth weight less than 2500 grams (5 pounds, 8 ounces). Excluded those that weigh <500 grams

³Complications are medical risk factors/complications during pregnancy/delivery as stated on the birth certificate

⁴The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

⁵Two or more births resulting from the same pregnancy

⁶"Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

**Table 18: Live Births with Congenital Anomalies
Among Detroit Residents for 2005
By Sex, Race, and Hispanic Origin**

	All Races¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other²	
		Male	Female	Male	Female	Male	Female	Male	Female
LIVE BIRTHS³	13,189	5,358	5,193	481	471	710	674	145	155
With Anomalies	477	213	183	19	15	22	18	5	2
Rate per 1,000 live births	36.2	39.8	35.2	39.5	31.8	31.0	26.7	13.8	12.9
Total Anomalies	520	228	197	22	15	31	20	5	2
Rate per 1,000 live births	39.4	42.6	7.9	45.7	31.8	48.5	32.9	23.1	9.0
ANOMALY									
Anencephaly	1	0	0	1	0	0	0	0	0
Spina Bifida	1	0	1	0	0	0	0	0	0
Hydrocephaly	1	0	0	0	0	1	0	0	0
Microcephaly	1	0	0	0	0	1	0	0	0
Other CNS	28	16	8	1	0	1	2	0	0
Heart	199	88	93	3	3	4	2	4	2
Other circulatory	63	30	20	1	1	5	6	0	0
Rectal atresia	2	0	2	0	0	0	0	0	0
Tracheoesophageal	1	0	0	0	0	1	0	0	0
Omphalocele	1	0	1	0	0	0	0	0	0
Other gastrointestinal	9	4	3	0	1	1	0	0	0
Genital	18	11	0	5	0	2	0	0	0
Renal agenesis	1	0	0	0	1	0	0	0	0
Other urogenital	23	16	5	0	0	2	0	0	0
Cleft lip/palate	1	0	0	1	0	0	0	0	0
Polydactyly	27	11	14	0	0	1	1	0	0
Clubfoot	2	0	1	0	0	1	0	0	0
Diaphragm	1	0	1	0	0	0	0	0	0
Other musculoskeletal	85	26	28	9	7	9	6	0	0
Downs Syndrome	4	2	0	0	0	0	2	0	0
Other chromosomal	5	3	1	0	0	0	1	0	0
Other	46	21	19	1	2	2	0	1	0

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

² "Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³ There are two live births where gender could not be determined or was unknown.

**Table 18a: Live Births with Congenital Anomalies
Among Detroit Residents for 2006
By Sex, Race, and Hispanic Origin**

	All Races¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other²	
		Male	Female	Male	Female	Male	Female	Male	Female
LIVE BIRTHS	13,016	5,324	5,106	470	437	738	701	116	124
With Anomalies	472	225	185	16	16	14	14	1	1
Rate per 1,000 live births	36.3	42.3	36.2	34.0	36.6	19.0	20.0	8.6	8.1
Total Anomalies	505	244	194	16	16	16	17	1	1
Rate per 1,000 live births	38.8	45.8	38.0	34.0	36.6	20.3	24.3	17.2	8.1
ANOMALY									
Anencephaly	0	0	0	0	0	0	0	0	0
Spina Bifida	1	0	0	0	0	0	1	0	0
Hydrocephaly	3	1	0	0	0	1	1	0	0
Microcephaly	1	1	0	0	0	0	0	0	0
Other CNS	15	6	6	1	0	0	2	0	0
Heart	190	107	79	0	3	1	0	0	0
Other circulatory	76	30	34	4	2	2	3	0	1
Rectal atresia	0	0	0	0	0	0	0	0	0
Tracheoesophageal	1	0	1	0	0	0	0	0	0
Omphalocele	3	2	1	0	0	0	0	0	0
Other gastrointestinal	8	4	3	0	0	1	0	0	0
Genital	17	14	0	2	0	1	0	0	0
Renal agenesis	3	1	1	0	0	1	0	0	0
Other urogenital	22	13	5	1	1	1	1	0	0
Cleft lip/palate	5	2	1	1	0	0	0	1	0
Polydactyly	22	10	10	0	1	0	1	0	0
Clubfoot	2	1	0	0	1	0	0	0	0
Diaphragm	0	0	0	0	0	0	0	0	0
Other musculoskeletal	93	33	32	6	7	8	7	0	0
Downs Syndrome	3	3	0	0	0	0	0	0	0
Other chromosomal	2	1	1	0	0	0	0	0	0
Other	38	15	20	1	1	0	1	0	0

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

² "Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

Table 19: Births Among Detroit Residents for 2005
By Maternal Age Group, Education, and Single Named Parent Status

Education of Mother	Age of Mother						
	All Ages ¹	<20	20-24	25-29	30-34	35-39	40 & Over
Total Births²	13,189	2,408	3,936	3,284	2,257	1,038	265
With Single Named Parent³	6,030	1,538	1,999	1,331	755	318	88
% with Single Named Parent	45.7	63.9	50.8	40.5	33.5	30.6	33.2
Education Level Not Stated	424	52	110	93	109	50	9
With Single Named Parent³	185	37	55	31	43	17	1
% with Single Named Parent	43.6	71.2	50.0	33.3	39.5	34.0	11.1
None/Elementary	766	198	195	189	108	56	20
With Single Named Parent³	216	122	33	38	16	6	1
% with Single Named Parent	28.2	61.6	16.9	20.1	14.8	10.7	5.0
Some High School	3,897	1,379	1,152	761	419	150	36
With Single Named Parent³	2,445	951	729	436	224	83	22
% with Single Named Parent	62.7	69.0	63.3	57.3	53.5	55.3	61.1
High School Graduate	4,641	666	1,639	1,200	727	331	78
With Single Named Parent³	2,164	380	842	507	276	122	37
% with Single Named Parent	46.6	57.1	51.4	42.3	38.0	36.9	47.4
Some College	2,468	113	743	726	550	265	71
With Single Named Parent³	877	48	320	253	169	68	19
% with Single Named Parent	35.5	42.5	43.1	34.9	30.7	25.7	26.8
College Graduate	993	0	97	315	344	186	51
With Single Named Parent³	143	0	20	66	27	22	8
% with Single Named Parent	14.4	0.0	20.6	21.0	7.9	11.8	15.7

¹The category "All Ages" includes those persons where the age is not stated

²The category "Total Births" includes those persons where the education level is not stated

³Single Named Parents status is determined from the birth certificate. In Michigan, no reference is made to the marital status of the mother. Therefore, no reference could be drawn. These births, however, are not necessarily to women who will raise the child alone.

**Table 19a: Births Among Detroit Residents for 2006
By Maternal Age Group, Education, and Single Named Parent Status**

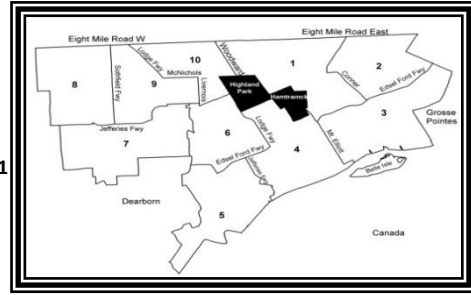
Education of Mother	Age of Mother						
	All Ages ¹	<20	20-24	25-29	30-34	35-39	40 & Over
Total Births²	13,016	2,635	3,841	3,226	2,092	969	252
With Single Named Parent³	5,854	1,621	1,920	1,280	672	289	71
% with Single Named Parent	45.0	61.5	50.0	39.7	32.1	29.8	28.2
Education Level Not Stated	322	52	86	83	61	30	9
With Single Named Parent³	118	29	37	25	14	10	2
% with Single Named Parent	36.6	55.8	43.0	30.1	23.0	33.3	22.2
None/Elementary	823	191	181	206	145	73	27
With Single Named Parent³	205	119	32	27	18	8	1
% with Single Named Parent	24.9	62.3	17.7	13.1	12.4	11.0	3.7
Some High School	3,872	1,458	1,069	740	413	148	44
With Single Named Parent³	2,363	984	650	423	208	76	22
% with Single Named Parent	61.0	67.5	60.8	57.2	50.4	51.4	50.0
High School Graduate	4,893	821	1,679	1,266	734	314	79
With Single Named Parent³	2,261	438	850	541	283	117	32
% with Single Named Parent	46.2	53.3	50.6	42.7	38.6	37.3	40.5
Some College	2,229	113	723	652	461	230	50
With Single Named Parent³	792	51	318	230	123	62	8
% with Single Named Parent	35.5	45.1	44.0	35.3	26.7	27.0	16.0
College Graduate	877	0	103	279	278	174	43
With Single Named Parent³	115	0	33	34	26	16	6
% with Single Named Parent	13.1	0.0	32.0	12.2	9.4	9.2	14.0

¹The category "All Ages" includes those persons where the age is not stated

²The category "Total Births" includes those persons where the education level is not stated

³Single Named Parents status is determined from the birth certificate. In Michigan, no reference is made to the marital status of the mother. Therefore, no inference should be drawn. These births, however, are not necessarily to women who will raise the child alone.

**Table 20: Number of Births with a Single Named Parent¹
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



2005					
Area	All Races ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁴
Citywide ³	6,030	5,585	213	167	65
Cluster 1	628	604	16	0	8
Cluster 2	927	904	14	1	8
Cluster 3	730	710	9	2	9
Cluster 4	398	375	16	0	7
Cluster 5	363	146	75	138	4
Cluster 6	700	681	7	4	8
Cluster 7	684	645	30	6	3
Cluster 8	544	509	25	4	6
Cluster 9	569	558	4	2	5
Cluster 10	240	231	3	0	6
Unclassifiable ⁵	247	222	14	10	1

**Table 20a: Number of Births with a Single Named Parent¹
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006					
Area	All Races ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁴
Citywide ³	5,854	5,459	189	179	27
Cluster 1	567	553	12	2	0
Cluster 2	841	828	8	2	3
Cluster 3	728	718	10	0	0
Cluster 4	353	339	8	2	4
Cluster 5	355	133	70	150	2
Cluster 6	618	611	5	2	0
Cluster 7	667	630	27	8	2
Cluster 8	495	470	21	1	3
Cluster 9	548	534	8	1	5
Cluster 10	237	230	3	1	3
Unclassifiable ⁵	445	413	17	10	5

¹Single Named Parents status is determined from the birth certificate. In Michigan, no reference is made to the marital status of the mother. Therefore, no reference could be drawn. These births, however, are not necessarily to women who will raise the child alone.

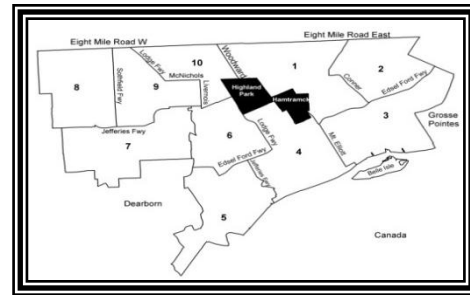
²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴"Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

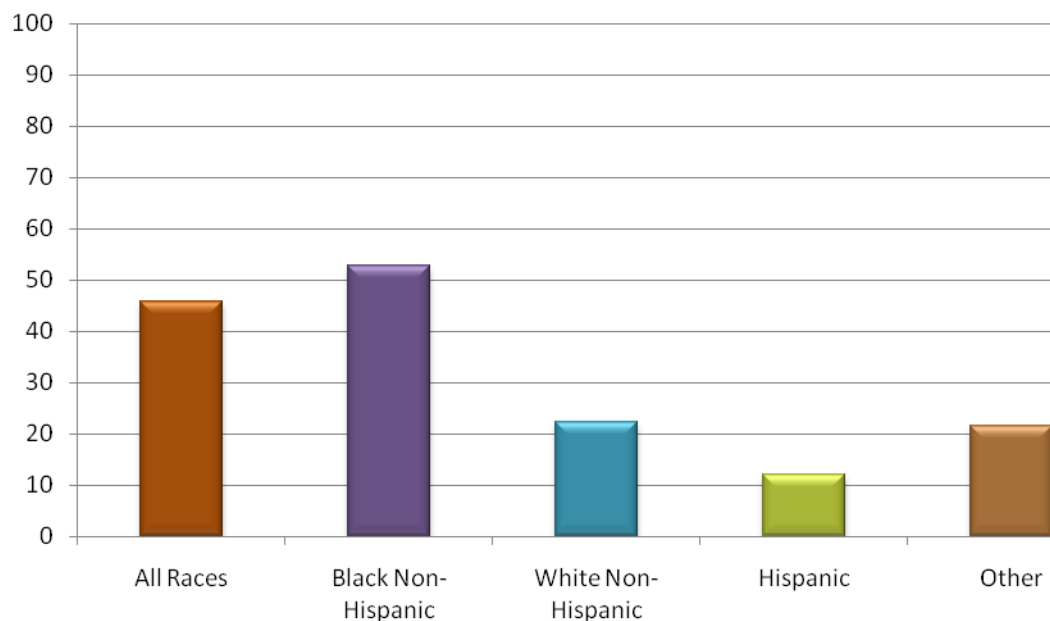
⁵Unclassifiable are those where a cluster could not be established

Table 21: Percentage of Total Births with a Single Named Parent¹ Among Detroit Residents for 2005 By Cluster, Race, and Hispanic Origin



2005					
Area	All Races ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁴
Citywide ³	45.7	52.9	22.4	12.1	21.6
Cluster 1	48.2	56.1	11.3	0.0	10.0
Cluster 2	54.9	56.1	40.0	25.0	20.5
Cluster 3	54.4	55.7	19.6	28.6	69.2
Cluster 4	52.0	56.5	31.4	0.0	17.9
Cluster 5	19.5	54.5	22.7	11.2	14.8
Cluster 6	57.8	58.4	63.6	21.1	53.3
Cluster 7	44.3	50.7	14.4	15.4	13.0
Cluster 8	46.5	47.2	43.1	36.4	28.6
Cluster 9	48.1	48.5	36.4	40.0	27.8
Cluster 10	20.2	38.6	42.9	0.0	50.0
Unclassifiable ⁵	49.1	56.6	26.9	22.2	7.1

Chart 39: Citywide³ Percentage of Total Births with a Single Named Parent^{1,2,4} Among Detroit Residents for 2005 By Race



¹Single Named Parents status is determined from the birth certificate. In Michigan, no reference is made to the marital status of the mother. Therefore, no reference could be drawn. These births, however, are not necessarily to women who will raise the child alone.

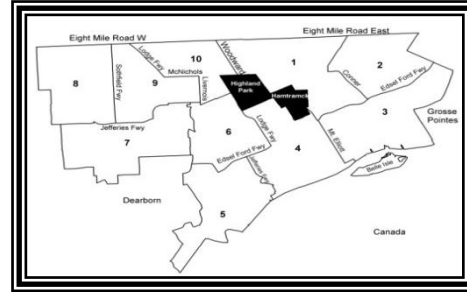
²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴"Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

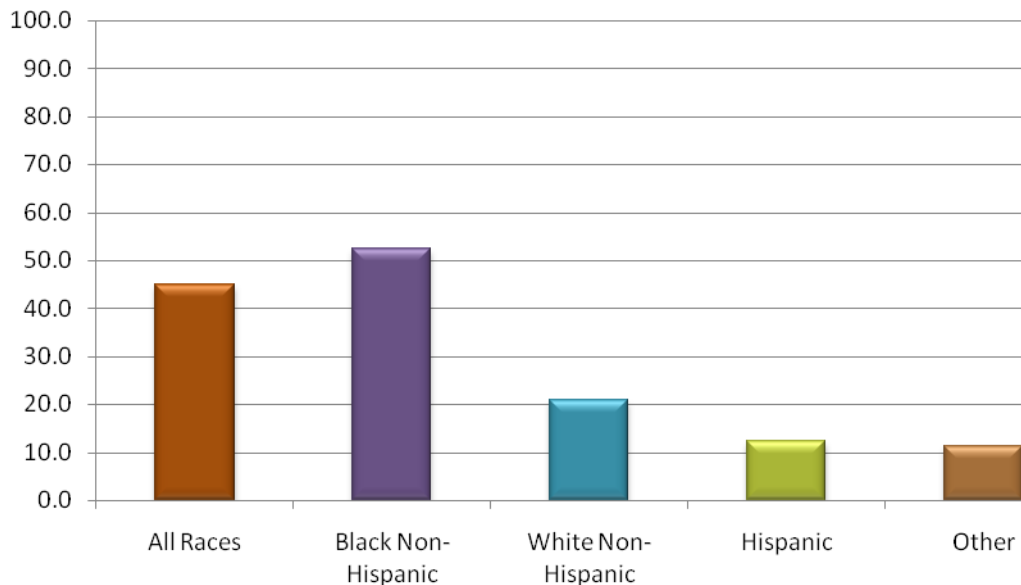
⁵Unclassifiable are those where a cluster could not be established

Table 21a: Percentage of Total Births with a Single Named Parent¹ Among Detroit Residents for 2006 By Cluster and Race



2006					
Area	All Races ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	Other ⁴
Citywide ³	45.0	52.3	20.8	12.4	11.3
Cluster 1	46.1	55.5	8.3	25.0	0.0
Cluster 2	52.3	53.8	25.8	66.7	9.1
Cluster 3	56.8	58.2	25.6	0.0	0.0
Cluster 4	50.0	54.5	18.6	15.4	14.3
Cluster 5	19.7	51.8	25.4	12.0	7.7
Cluster 6	56.6	57.4	71.4	11.1	0.0
Cluster 7	42.7	48.6	14.1	13.8	12.5
Cluster 8	44.9	45.4	42.0	12.5	33.3
Cluster 9	49.5	49.6	44.4	25.0	62.5
Cluster 10	41.1	41.4	30.0	20.0	42.9
Unclassifiable ⁵	47.0	54.9	17.3	13.7	20.8

Chart 40: Citywide³ Percentage of Total Births with a Single Named Parent^{1,2,4} Among Detroit Residents for 2006 By Race



¹Single Named Parents status is determined from the birth certificate. In Michigan, no reference is made to the marital status of the mother. Therefore, no reference could be drawn. These births, however, are not necessarily to women who will raise the child alone.

² The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³Citywide includes persons from all clusters and those persons where a cluster could not be established

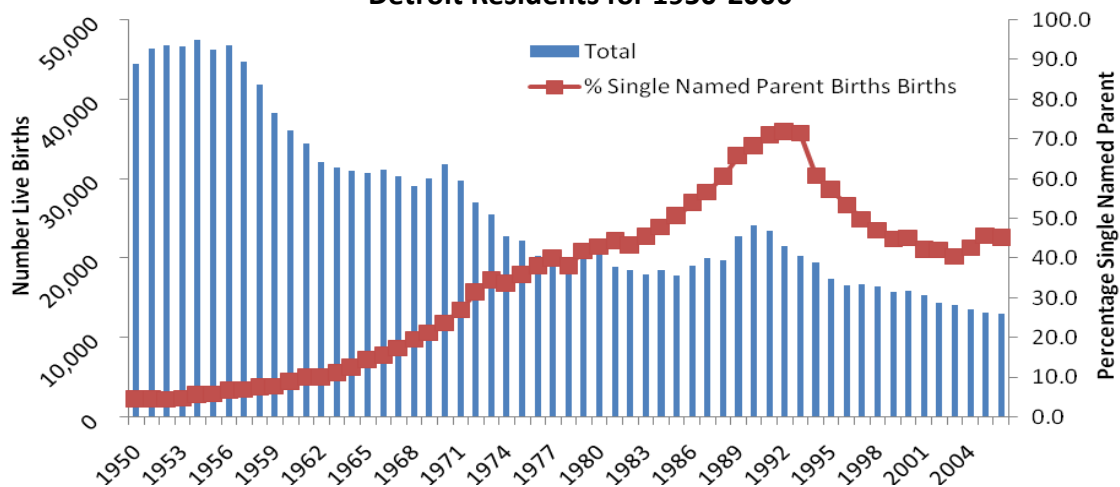
⁴"Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

⁵Unclassifiable are those where a cluster could not be established

**Table 22: Live Births
Among Detroit Residents for 1950-2006
By Race and Single Named Parent Status**

Year	Total	White	All Other	Single Named Parent Births ¹	% Single Named Parent Births
1950	44,548	35,109	9,400	1,954	4.4
1955	46,225	32,131	14,094	2,726	5.9
1960	36,078	22,522	13,556	3,119	8.7
1965	30,716	17,801	12,915	4,356	14.2
1970	31,880	14,093	17,787	7,589	23.8
1975	22,155	7,479	14,676	7,918	35.7
1980	20,535	5,971	14,564	8,820	43.0
1985	17,802	4,483	13,319	8,999	50.6
1990	24,129	3,845	20,284	16,378	68.1
1995	17,417	2,587	14,830	9,946	57.1
1996	16,586	2,506	14,080	8,877	53.5
1997	16,725	2,586	14,139	8,295	49.9
1998	16,429	2,407	14,022	7,739	47.1
1999	15,800	1,539	14,261	7,098	44.9
2000	15,892	1,464	14,428	7,181	45.2
2001	15,315	1,314	14,001	6,439	42.0
2002	14,337	1,210	13,127	6,047	42.2
2003	14,071	1,280	12,791	5,694	40.5
2004	13,619	1,168	12,451	5,820	42.7
2005	13,189	952	12,237	6,030	45.7
2006	13,016	907	12,109	5,854	45.0

**Chart 41: Live and Single Named Parent Births Among
Detroit Residents for 1950-2006**

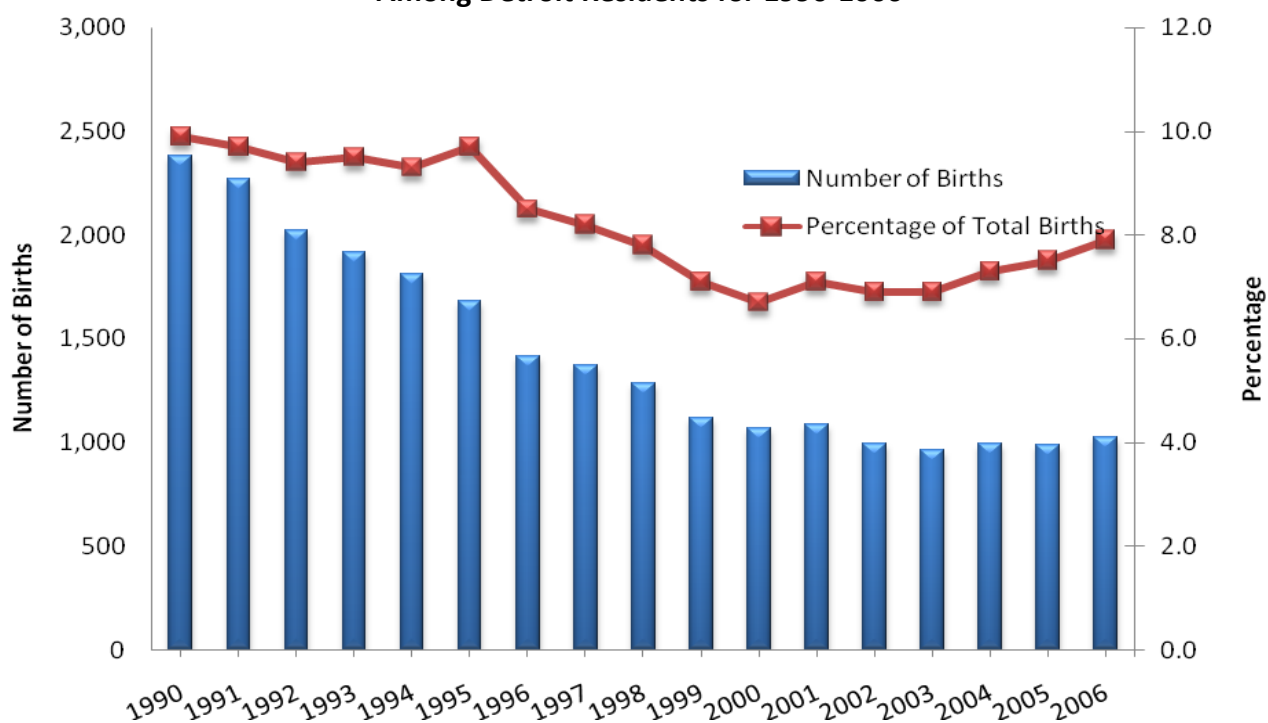


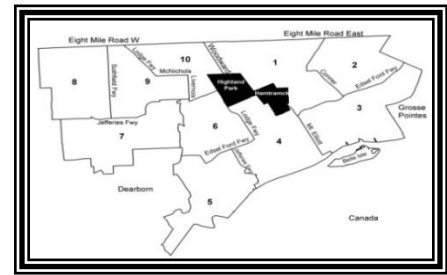
¹Births listed from 1950 through 1977 were classified by the state as illegitimate; this process ended in 1977. Beginning in 1978, the number of births where there was only one parent's name on the birth certificate has been reported. Single Named Parent status is determined from the birth certificate. In Michigan, no reference is made to the marital status of the mother. Therefore, no inference should be drawn. These births, however, are not necessarily to women who will raise the child alone.

**Table 23: Births to Women<18
Among Detroit Residents for 1990-2004**

Year	Number of Births							As a percentage of Total Births						
	Total	≤12	13	14	15	16	17	Total	≤12	13	14	15	16	17
1990	2,383	9	43	131	387	714	1,099	9.9	0.04	0.2	0.5	1.6	3.0	4.6
1991	2,273	5	23	137	401	646	1,061	9.7	0.02	0.1	0.6	1.7	2.8	4.5
1992	2,023	4	27	128	342	619	903	9.4	0.02	0.1	0.6	1.6	2.9	4.2
1993	1,918	5	22	114	321	594	862	9.5	0.02	0.1	0.6	1.6	2.9	4.3
1994	1,812	6	18	120	292	540	836	9.3	0.03	0.1	0.6	1.5	2.8	4.3
1995	1,680	4	21	101	266	531	757	9.7	0.02	0.1	0.6	1.5	3.1	4.4
1996	1,413	3	18	77	216	420	679	8.5	0.02	0.1	0.5	1.3	2.5	4.1
1997	1,371	6	19	76	206	412	652	8.2	0.04	0.1	0.5	1.2	2.5	3.9
1998	1,283	4	22	70	212	368	607	7.8	0.02	0.1	0.4	1.3	2.2	3.7
1999	1,119	0	11	72	157	350	529	7.1	0.00	0.1	0.5	1.0	2.2	3.4
2000	1,069	0	11	58	154	321	525	6.7	0.00	0.1	0.4	1.0	2.0	3.3
2001	1,084	4	13	66	157	309	535	7.1	0.03	0.1	0.4	1.0	2.0	3.5
2002	992	3	16	70	140	273	490	6.9	0.02	0.1	0.5	1.0	1.9	3.4
2003	965	2	13	48	154	267	481	6.9	0.01	0.1	0.3	1.1	1.9	3.4
2004	997	3	20	60	155	288	471	7.3	0.02	0.2	0.4	1.1	2.1	3.5
2005	986	0	21	60	151	270	484	7.5	0.00	0.2	0.5	1.1	2.0	3.7
2006	1,025	1	17	56	165	316	470	7.9	0.01	0.1	0.4	1.3	2.4	3.6

**Chart 42: Number and Percentage of Births to Women <18
Among Detroit Residents for 1990-2006**





**Table 24: Births to Women Ages 15-17
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**

2005	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁴	
Area	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Citywide ³	905	800	88.4	21	2.3	71	7.8	13	1.4
Cluster 1	90	89	9.8	1	0.1	0	0.0	0	0.0
Cluster 2	167	161	17.8	2	0.2	0	0.0	4	0.4
Cluster 3	105	103	11.4	0	0.0	0	0.0	2	0.2
Cluster 4	47	44	4.9	2	0.2	0	0.0	1	0.1
Cluster 5	95	21	2.3	11	1.2	62	6.9	1	0.9
Cluster 6	87	85	9.4	0	0.0	2	0.2	0	0.0
Cluster 7	89	82	9.1	3	0.3	2	0.2	2	0.2
Cluster 8	79	75	8.3	1	0.1	2	0.2	1	0.1
Cluster 9	81	81	9.0	0	0.0	0	0.0	0	0.0
Cluster 10	34	32	3.5	0	0.0	0	0.0	2	0.2
Unclassifiable ⁵	31	27	3.0	1	0.1	3	0.3	0	0.0

**Table 24a: Births to Women Ages 15-17
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁴	
Area	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Citywide ³	943	830	87.3	33	3.5	80	8.4	8	0.8
Cluster 1	91	89	9.4	1	0.1	1	0.1	0	0.0
Cluster 2	145	145	15.2	0	0.0	0	0.0	2	0.2
Cluster 3	107	106	11.1	1	0.1	0	0.0	0	0.0
Cluster 4	37	35	3.7	0	0.0	2	0.2	1	0.1
Cluster 5	102	17	1.8	14	1.5	71	7.5	2	0.2
Cluster 6	100	99	10.4	0	0.0	1	0.1	0	0.0
Cluster 7	91	83	8.7	7	0.7	1	0.1	0	0.0
Cluster 8	91	87	9.1	4	0.4	0	0.0	0	0.0
Cluster 9	82	82	8.6	0	0.0	0	0.0	2	0.2
Cluster 10	25	25	2.6	0	0.0	0	0.0	1	0.1
Unclassifiable ⁵	72	62	6.5	6	0.6	4	0.4	0	0.0

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

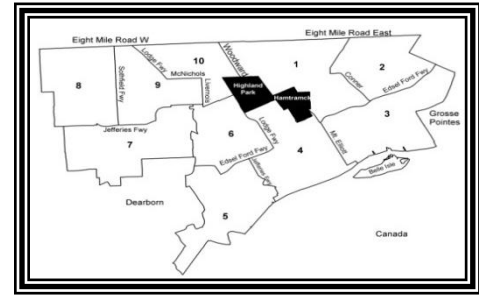
² For each specific area

³ Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴ "Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

⁵ Unclassifiable are those where a cluster could not be established

**Table 25: Births to Women Ages 18-19
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



2005	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁴	
Area	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Citywide ³	1,422	1,176	82.7	83	5.8	128	9.0	35	2.5
Cluster 1	146	129	9.1	14	1.0	0	0.0	3	0.2
Cluster 2	213	200	14.1	4	0.3	0	0.0	9	0.6
Cluster 3	149	148	10.4	1	0.1	0	0.0	0	0.0
Cluster 4	77	71	5.0	3	0.2	1	0.1	2	0.1
Cluster 5	181	29	2.0	32	2.3	117	8.2	3	0.2
Cluster 6	154	145	10.2	2	0.1	3	0.2	4	0.3
Cluster 7	151	131	9.2	14	1.0	2	0.1	4	0.3
Cluster 8	123	111	7.8	8	0.6	1	0.1	3	0.2
Cluster 9	133	125	8.8	1	0.1	2	0.1	5	0.4
Cluster 10	36	35	2.5	1	0.1	0	0.0	0	0.0
Unclassifiable ⁵	59	52	3.7	3	0.2	2	0.1	2	0.1

**Table 25a: Births for Women Ages 18-19
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁴	
Area	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Citywide ³	1,610	1,362	84.6	87	5.4	143	8.9	18	1.1
Cluster 1	159	141	8.8	12	0.7	0	0	6	0.4
Cluster 2	227	218	13.5	3	0.2	2	0.1	4	0.2
Cluster 3	159	156	9.7	2	0.1	1	0.1	0	0.0
Cluster 4	84	80	5.0	2	0.1	1	0.1	1	0.1
Cluster 5	204	44	2.7	37	2.3	123	7.6	0	0.0
Cluster 6	138	136	8.4	0	0.0	2	0.1	0	0.0
Cluster 7	181	157	9.8	16	1.0	6	0.4	2	0.1
Cluster 8	117	110	6.8	5	0.3	2	0.1	0	0.0
Cluster 9	157	154	9.6	1	0.1	0	0.0	2	0.1
Cluster 10	57	56	3.5	0	0.0	0	0.0	1	0.1
Unclassifiable ⁵	127	110	6.8	9	0.6	6	0.4	2	0.1

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

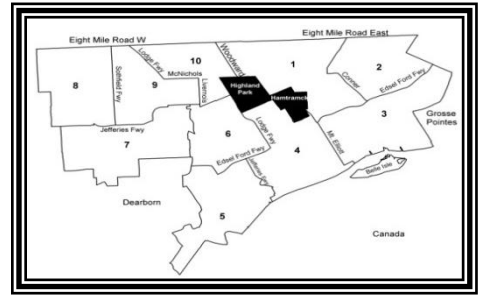
² For each specific area

³ Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴ "Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

⁵ Unclassifiable are those where a cluster could not be established

**Table 26: Births to Women Ages 15-19
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



2005	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁴	
Area	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Citywide ³	2,327	1,976	84.9	104	4.5	199	8.6	48	2.1
Cluster 1	236	218	9.4	15	0.6	0	0.0	3	0.1
Cluster 2	380	361	15.5	6	0.3	0	0.0	13	0.6
Cluster 3	254	251	10.8	1	0.0	0	0.0	2	0.1
Cluster 4	124	115	4.9	5	0.2	1	0.0	3	0.1
Cluster 5	276	50	2.1	43	1.8	179	7.7	4	0.2
Cluster 6	241	230	9.9	2	0.1	5	0.2	4	0.2
Cluster 7	240	213	9.2	17	0.7	4	0.2	6	0.3
Cluster 8	202	186	8.0	9	0.4	3	0.1	4	0.2
Cluster 9	214	206	8.9	1	0.0	2	0.1	5	0.2
Cluster 10	70	67	2.9	1	0.0	0	0.0	2	0.1
Unclassifiable ⁵	90	79	3.4	4	0.2	5	0.2	2	0.1

**Table 26a: Births to Women Ages 15-19
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁴	
Area	Number	Number	Percent ²	Number	Percent ²	Number	Percent ²	Number	Percent ²
Citywide ³	2,561	2,192	85.6	120	4.7	223	8.7	26	1.0
Cluster 1	250	230	9.0	13	0.5	1	0.0	6	0.2
Cluster 2	374	363	14.2	3	0.1	2	0.1	6	0.2
Cluster 3	266	262	10.2	3	0.1	1	0.0	0	0.0
Cluster 4	122	115	4.5	2	0.1	3	0.1	2	0.1
Cluster 5	308	61	2.4	51	2.0	194	7.6	2	0.1
Cluster 6	238	235	9.2	0	0.0	3	0.1	0	0.0
Cluster 7	272	240	9.4	23	0.9	7	0.3	2	0.1
Cluster 8	208	197	7.7	9	0.4	2	0.1	0	0.0
Cluster 9	241	236	9.2	1	0.0	0	0.0	4	0.2
Cluster 10	83	81	3.2	0	0.0	0	0.0	2	0.1
Unclassifiable ⁵	199	172	6.7	15	0.6	10	0.4	2	0.1

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

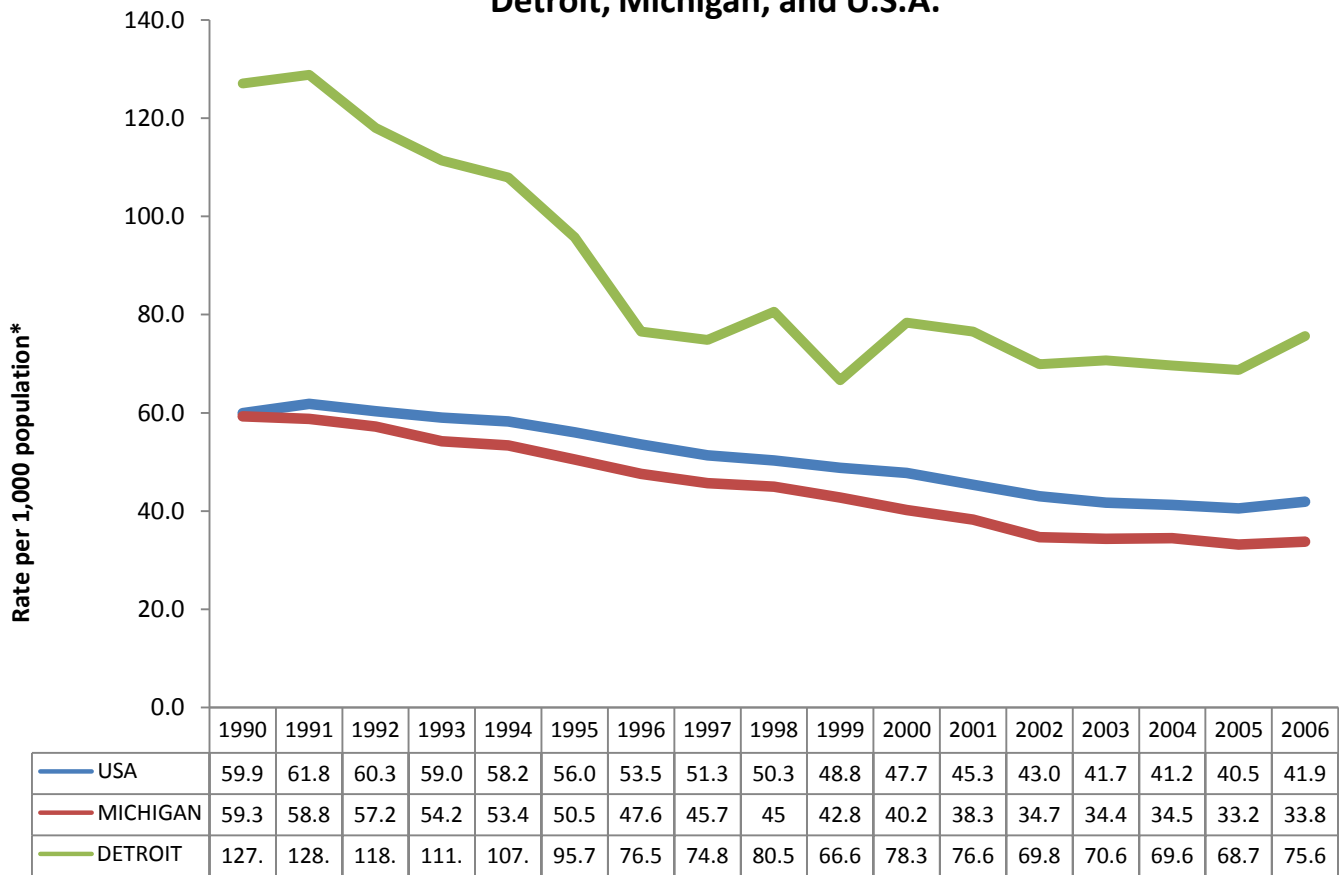
² For each specific area

³ Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴ "Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

⁵ Unclassifiable are those where a cluster could not be established

Chart 43: Birth Rates for Women Ages 15-19 for 1990-2006
Detroit, Michigan, and U.S.A.



¹ 2000 US Census for the respective year

² According to the National Center for Health Statistics (NCHS)

*Detroit population for years 1990 and 2000 are from the U.S. Census, all other years are DHWP estimates

Part IV: MORTALITY

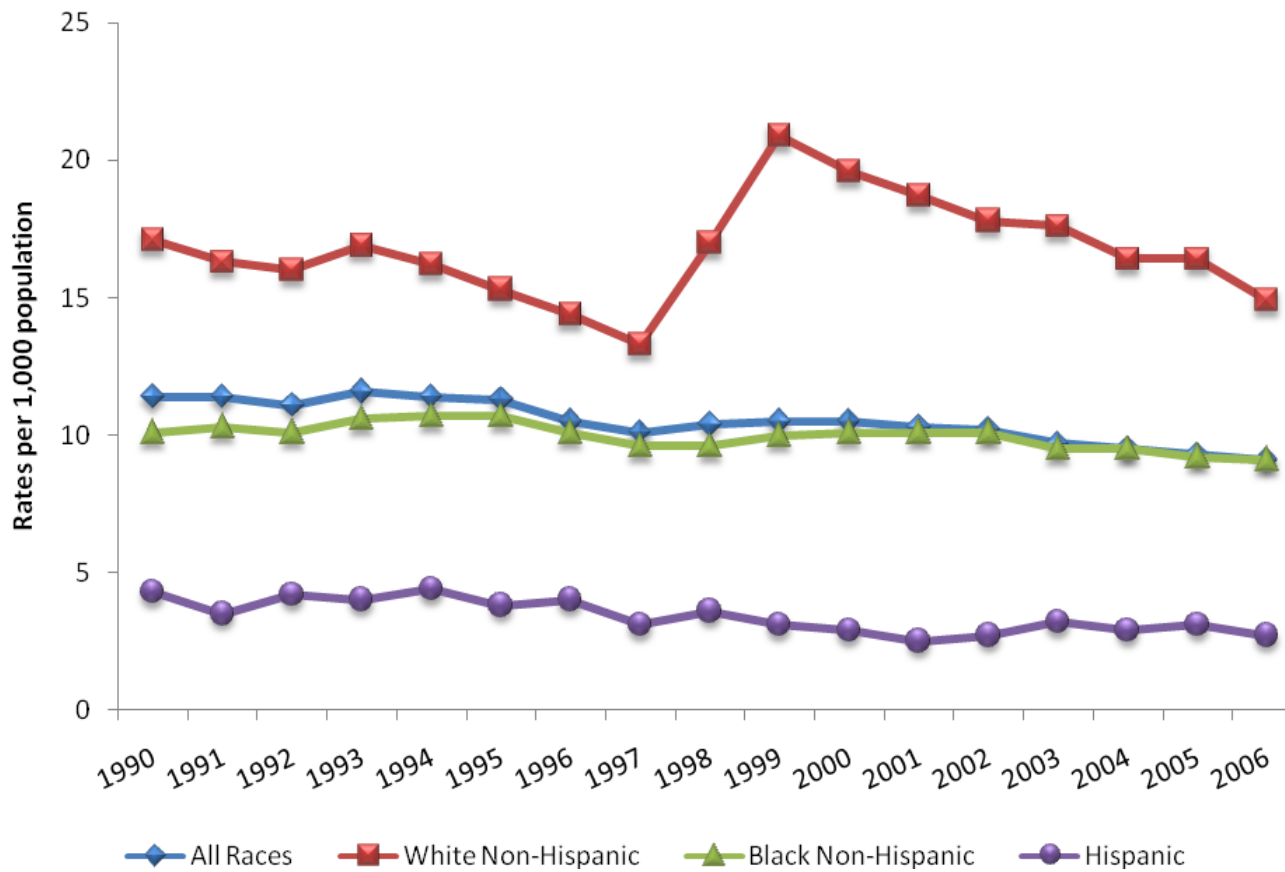
**Table 27: Deaths and Death Rates
Among Detroit Residents for 1990-2006
By Race and Hispanic Origin**

Year	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹	
	Number	Rate ²	Number	Rate ²	Number	Rate ²	Number	Rate ²
1990	6,924	8.9	2,867	13.5	123	4.3	11,705	11.4
1991	7,191	9.3	2,620	12.6	93	3.5	11,591	11.4
1992	7,037	9.1	2,442	12.9	107	4.2	11,255	11.1
1993	7,285	9.4	2,412	14.3	102	4.0	11,638	11.6
1994	7,305	9.4	2,241	14.4	130	4.4	11,357	11.4
1995	7,339	9.5	2,102	15.0	117	3.8	11,232	11.3
1996	7,876	10.2	2,401	17.7	125	4.0	10,465	10.1
1997	7,655	9.9	2,291	17.1	111	3.1	10,134	10.5
1998	7,734	10.0	2,149	16.4	141	3.6	10,107	10.4
1999	7,817	10.1	2,100	17.9	132	3.1	10,104	10.5
2000	7,824	10.1	1,963	19.6	135	2.9	9,981	10.5
2001	7,790	10.1	1,793	18.7	124	2.5	9,760	10.3
2002	7,772	10.1	1,637	17.8	135	2.7	9,589	10.2
2003	7,272	9.5	1,554	17.6	169	3.2	9,031	9.7
2004	7,231	9.5	1,376	16.4	156	2.9	8,821	9.5
2005	7,025	9.2	1,317	16.4	170	3.1	8,625	9.3
2006	6,928	9.1	1,139	14.9	154	2.7	8,324	9.1

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

² Rate per 1,000 specified population. Population for years 1990-2000 is from the U.S. Census. Years 2001-2006 are smooth lined population estimates based on the 2000 and 2006 revised Census population numbers.

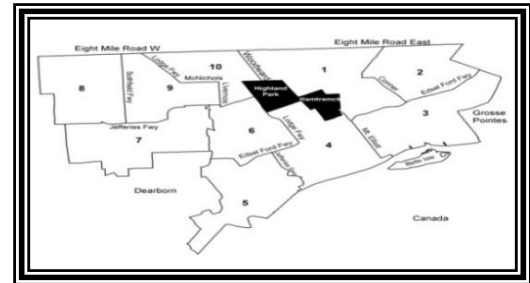
Chart 44: Death Rates Among Detroit Residents for 1990-2006
By Race and Hispanic Origin^{1,2}



¹The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

²Rate per 1,000 specified population. Population for years 1990-2000 is from the U.S. Census. Years 2001-2006 are smooth lined population estimates based on the 2000 and 2006 revised Census population numbers.

**Table 28: Deaths and Death Rates 2005-2006
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



2005	White Non-Hispanic		Black Non-Hispanic		Hispanic		All Races ¹	
Area	Number	Rate ²	Number	Rate ²	Number	Rate ²	Number	Rate ²
City Wide ⁴	1,317	13.2	7,025	9.1	170	3.6	8,625	9.1
Cluster 1	141	1.7	657	64.5	3	3.4	819	8.3
Cluster 2	149	1.5	569	54.6	5	5.5	739	6.3
Cluster 3	176	1.9	969	79.5	7	7.5	1,168	10.7
Cluster 4	91	1.6	685	81.6	12	11.5	811	11.5
Cluster 5	298	13.0	243	10.1	123	3.2	672	7.6
Cluster 6	19	0.2	1,020	769.8	1	1.6	1,049	11.3
Cluster 7	221	2.4	674	35.9	7	2.5	914	7.7
Cluster 8	110	1.4	534	50.2	4	4.3	651	7.1
Cluster 9	40	0.4	849	500.3	2	3.2	892	8.8
Cluster 10	20	0.3	611	269.2	1	1.9	635	9.9
Unclassifiable ³	52	0.1	214	2.1	5	0.1	275	0.3

**Table 28a: Deaths and Death Rates
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006	White Non-Hispanic		Black Non-Hispanic		Hispanic		All Races ¹	
Area	Number	Rate ²	Number	Rate ²	Number	Rate ²	Number	Rate ²
City Wide ⁴	1,139	11.4	6,928	9.0	154	3.3	8,324	8.8
Cluster 1	131	1.6	678	66.6	5	5.7	822	8.4
Cluster 2	131	1.3	625	60.0	2	2.2	769	6.6
Cluster 3	139	1.5	911	74.8	4	4.3	1,073	9.8
Cluster 4	70	1.2	688	81.9	1	1.0	778	11.0
Cluster 5	241	10.5	254	10.6	126	3.3	628	7.1
Cluster 6	14	0.2	912	688.3	0	0.0	933	10.1
Cluster 7	192	2.1	696	37.0	10	3.6	906	7.7
Cluster 8	121	1.6	512	48.1	3	3.2	639	7.0
Cluster 9	45	0.5	864	509.1	1	1.6	920	9.1
Cluster 10	21	0.3	605	266.5	0	0.0	634	9.9
Unclassifiable ³	34	0.04	183	1.8	2	0.04	222	0.2

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

² Rate per 1,000 specified population as reported in the 2000 US Census.

³ Unclassifiable includes persons where cluster could not be established.

⁴ Citywide includes persons from all clusters and those persons where a cluster could not be established

Table 29: Age Specific Deaths and Death Rates 2005
Detroit Residents
By Age Group, Race, and Hispanic Origin

	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races¹	
Age Group	Number	Rate²	Number	Rate	Number	Rate	Number	Rate
All Ages³	7,025	9.1	1,317	13.2	170	3.6	8,625	9.1
Under 1	187	15.9	11	11.7	8	6.0	210	14.2
1-4	22	0.4	4	1.1	1	0.2	28	0.5
5-9	18	0.2	1	0.2	1	0.2	20	0.2
10-14	14	0.2	3	0.7	4	1.0	21	0.3
15 - 19	62	1.1	4	0.8	7	1.7	74	1.1
20 - 24	97	1.9	5	0.8	10	1.8	112	1.7
25 - 29	111	1.9	10	1.4	7	1.3	128	1.7
30 - 34	149	2.6	9	1.3	4	0.9	162	2.3
35 - 39	150	2.7	21	2.9	7	2.1	180	2.7
40 - 44	234	4.1	34	4.3	5	2.0	277	4.0
45 - 49	421	8.2	58	7.3	16	7.8	501	8.0
50 - 54	571	13.3	78	10.7	13	8.7	675	12.7
55 - 59	639	21.1	93	16.5	9	8.4	744	19.6
60 - 64	575	24.8	107	24.1	13	15.3	710	24.2
65 - 69	467	21.6	87	21.5	16	22.9	580	21.4
70 - 74	603	30.3	110	23.2	14	23.1	739	28.6
75 - 79	769	48.0	167	35.3	13	34.3	964	44.7
80 - 84	790	82.5	190	52.5	9	48.1	997	73.0
85+	1,146	146.9	325	115.6	13	77.8	1,503	136.9

¹The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

²Rate per 1,000 specified population as reported in the 2000 US Census.

³All Ages includes those where the age is not stated.

Table 30: Age Specific Deaths and Death Rates 2006
Detroit Residents
By Age Group, Race and Hispanic Origin

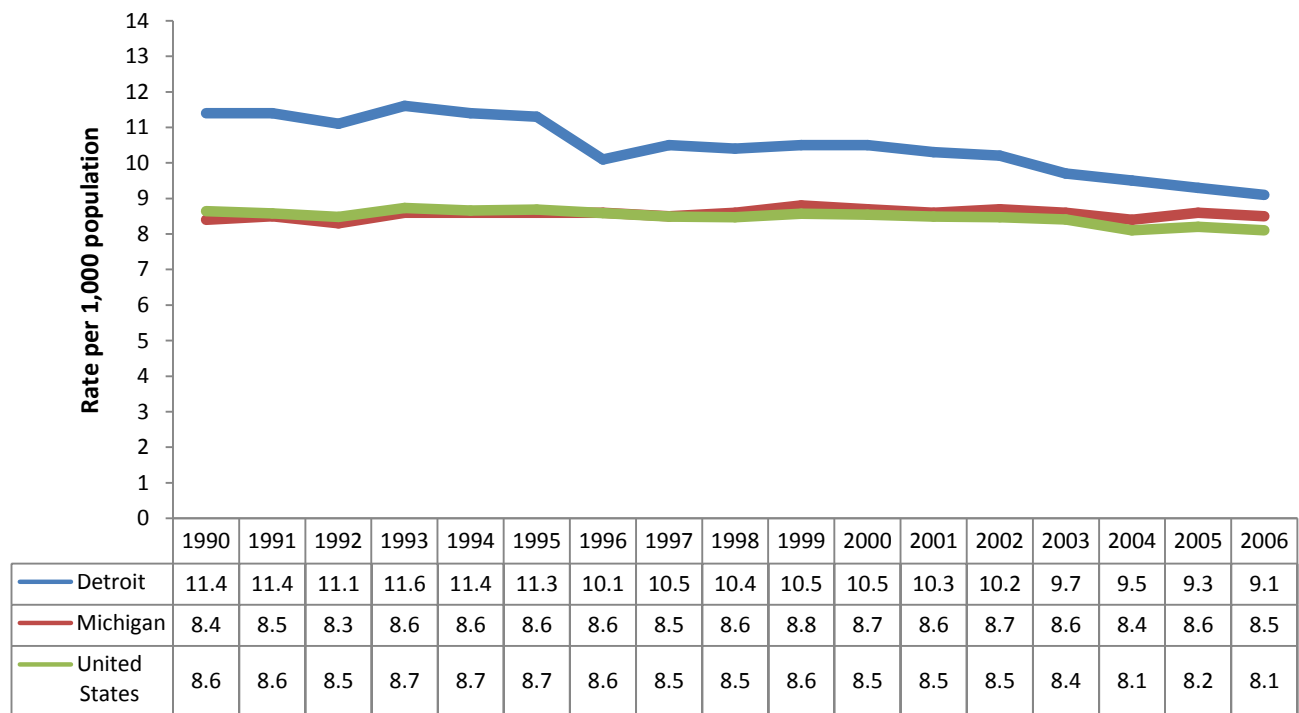
	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹	
Age Group	Number	Rate ²	Number	Rate	Number	Rate	Number	Rate
All Ages³	6,928	9.0	1,139	11.4	154	3.3	8,324	8.8
Under 1	153	13.0	8	8.5	10	7.6	175	11.8
1-4	21	0.4	0	0.0	3	0.7	24	0.4
5-9	12	0.1	0	0.0	1	0.2	13	0.1
10-14	11	0.2	3	0.7	0	0.0	14	0.2
15 - 19	86	1.5	2	0.4	1	0.2	90	1.3
20 - 24	89	1.7	6	0.9	9	1.7	105	1.6
25 - 29	118	2.0	5	0.7	4	0.8	128	1.7
30 - 34	133	2.4	9	1.3	6	1.4	150	2.1
35 - 39	174	3.2	15	2.0	5	1.5	196	2.9
40 - 44	225	4.0	30	3.8	10	4.0	269	3.9
45 - 49	360	7.0	51	6.5	15	7.3	431	6.8
50 - 54	563	13.1	76	10.4	12	8.1	659	12.4
55 - 59	606	20.0	75	13.3	11	10.3	703	18.5
60 - 64	583	25.1	90	20.3	10	11.8	694	23.7
65 - 69	544	25.1	86	21.2	7	10.0	642	23.7
70 - 74	617	31.0	78	16.4	13	21.5	716	27.7
75 - 79	721	45.0	149	31.5	13	34.3	895	41.5
80 - 84	811	84.7	169	46.7	10	53.5	997	73.0
85+	1,101	141.1	287	102.1	14	83.8	1,423	129.6

¹The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

²Rate per 1,000 specified population as reported in the 2000 US Census.

³All Ages includes those where the age is not stated.

Chart 45: Death Rates Among Residents of Detroit, Michigan, USA for 1990-2006^{1,2,3}



¹ Detroit death rate estimates are DHWP estimates from vital data

² Michigan and USA death rates are MDCH estimates from mortality trend data

³ Population based on 2000 Census estimates

**Table 31: Selected Causes of Death
Among Detroit Residents for 2005
By Race and Hispanic Origin**

Cause of Death ²	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹	
	Number	Rate ³	Number	Rate ³	Number	Rate ³	Number	Rate ³
All Causes	7,025	910.0	1,131	1,131.9	170	360.4	8,625	906.7
Diseases of heart	2,288	296.4	495	495.4	42	89.0	2,856	300.2
Malignant neoplasms	1,418	183.7	245	245.2	25	53.0	1,709	179.7
Cerebrovascular diseases	351	45.5	63	63.0	2	4.2	423	44.5
Assault (homicide)	303	39.3	15	15.0	14	29.7	334	35.1
Accidents (unintentional injuries)	260	33.7	59	59.0	13	27.6	333	35.0
Chronic lower respiratory disease	166	21.5	56	56.0	1	2.1	232	24.4
Diabetes mellitus	192	24.9	32	32.0	6	12.7	232	24.4
Nephritis, nephrotic syndrome and nephrosis	182	23.6	14	14.0	5	10.6	203	21.3
Influenza and pneumonia	122	15.8	28	28.0	6	12.7	158	16.6
Certain conditions originating in the perinatal period	136	17.6	6	6.0	6	12.7	149	15.7
Septicemia	110	14.2	17	17.0	1	2.1	132	13.9
Chronic liver disease and cirrhosis	86	11.1	20	20.0	7	14.8	113	11.9
Human Immunodeficiency virus (HIV) disease	98	12.7	3	3.0	4	8.5	108	11.4
Essential (primary) hypertension and hypertensive renal disease	86	11.1	13	13.0	1	2.1	101	10.6
Intentional self-harm (suicide)	39	5.1	18	18.0	7	14.8	65	6.8
Alzheimer's disease	38	4.9	11	11.0	1	2.1	51	5.4
Aortic aneurysm and dissection	38	4.9	9	9.0	0	0.0	48	5.0
Pneumonitis due to solids and liquids	36	4.7	9	9.0	0	0.0	45	4.7
Congenital malformations, deformations and chromosomal abnormalities	35	4.5	6	6.0	1	2.1	44	4.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	29	3.8	7	7.0	0	0.0	36	3.8
Atherosclerosis	24	3.1	6	6.0	0	0.0	31	3.3
Viral hepatitis	22	2.8	3	3.0	0	0.0	26	2.7
Anemias	19	2.5	1	1.0	0	0.0	21	2.2
Nutritional deficiencies	16	2.1	3	3.0	0	0.0	20	2.1
Parkinson's disease	11	1.4	7	7.0	0	0.0	19	2.0
Complication of medical and surgical care	12	1.6	2	2.0	0	0.0	14	1.5
Pregnancy, childbirth & the puerperium	12	1.6	0	0.0	1	2.1	13	1.4

¹All Races includes persons of race/ethnicity other than Black Non-Hispanic, White Non-Hispanic, or Hispanic Origin.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³Rate per 100,000 based on specified population as reported in the 2000 Census.

**Table 31: Selected Causes of Death continued
Among Detroit Residents for 2005
By Race and Hispanic Origin**

Cause of Death ²	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹	
	Number	Rate ³	Number	Rate ³	Number	Rate ³	Number	Rate ³
Cholelithiasis and other disorders of gallbladder	9	1.2	2	2.0	0	0.0	11	1.2
Peptic ulcer	9	1.2	0	0.0	0	0.0	10	1.1
Tuberculosis	5	0.6	1	1.0	0	0.0	7	0.7
Hernia	4	0.5	1	1.0	0	0.0	5	0.5
Meningitis	2	0.3	1	1.0	0	0.0	3	0.3
Infections of kidney	2	0.3	0	0.0	0	0.0	2	0.2
Pneumoconioses and chemical effects	1	0.1	1	1.0	0	0.0	2	0.2
Acute bronchitis and bronchiolitis	0	0.0	1	1.0	0	0.0	1	0.1
Legal intervention	0	0.0	0	0.0	0	0.0	1	0.1
Diseases of appendix	1	0.1	0	0.0	0	0.0	1	0.1
Hyperplasia of prostate	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal infection	0	0.0	0	0.0	0	0.0	0	0.0
Inflammatory diseases of female pelvic organs	0	0.0	0	0.0	0	0.0	0	0.0

¹All Races includes persons of race/ethnicity other than Black Non-Hispanic, White Non-Hispanic, or Hispanic in Origin.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³Rate per 100,000 based on specified population as reported in the 2000 Census.

**Table 32: Selected Causes of Death
Among Detroit Residents for 2006
By Race and Hispanic Origin**

Cause of Death ²	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹	
	Number	Rate ³	Number	Rate ³	Number	Rate ³	Number	Rate ³
All Causes	6,928	897.4	1,116	1,116.9	154	326.5	8,324	875.0
Diseases of heart	2,175	281.7	382	382.3	38	80.6	2,628	276.3
Malignant neoplasms	1,512	195.9	234	234.2	27	57.2	1,788	188.0
Cerebrovascular diseases	337	43.7	54	54.0	4	8.5	400	42.0
Assault (homicide)	336	43.5	13	13.0	13	27.6	364	38.3
Accidents (unintentional injuries)	277	35.9	57	57.0	15	31.8	355	37.3
Diabetes mellitus	218	28.2	31	31.0	8	17.0	259	27.2
Chronic lower respiratory disease	156	20.2	54	54.0	0	0.0	214	22.5
Nephritis, nephrotic syndrome and nephrosis	149	19.3	15	15.0	3	6.4	168	17.7
Influenza and pneumonia	121	15.7	30	30.0	2	4.2	156	16.4
Septicemia	126	16.3	23	23.0	4	8.5	155	16.3
Certain conditions originating in the perinatal period	96	12.4	3	3.0	5	10.6	107	11.2
Essential (primary) hypertension and hypertensive renal disease	97	12.6	7	7.0	1	2.1	105	11.0
Human Immunodeficiency virus (HIV) disease	84	10.9	4	4.0	0	0.0	89	9.4
Chronic liver disease and cirrhosis	58	7.5	16	16.0	5	10.6	81	8.5
Intentional self-harm (suicide)	50	6.5	13	13.0	1	2.1	65	6.8
Alzheimer's disease	47	6.1	9	9.0	1	2.1	58	6.1
Atherosclerosis	38	4.9	10	10.0	0	0.0	49	5.2
Aortic aneurysm and dissection	30	3.9	7	7.0	2	4.2	40	4.2
Congenital malformations, deformations and chromosomal abnormalities	29	3.8	2	2.0	5	10.6	37	3.9
Pneumonitis due to solids and liquids	19	2.5	6	6.0	0	0.0	26	2.7
Anemias	18	2.3	3	3.0	1	2.1	23	2.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	18	2.3	4	4.0	0	0.0	22	2.3

¹All Races includes persons of race/ethnicity other than Black Non-Hispanic, White Non-Hispanic, or Hispanic Origin.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³Rate per 100,000 based on specified population as reported in the 2000 Census.

**Table 32: Selected Causes of Death continued
Among Detroit Residents for 2006
By Race and Hispanic Origin**

Cause of Death ²	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹	
	Number	Rate ³	Number	Rate ³	Number	Rate ³	Number	Rate ³
Pregnancy, childbirth & the puerperium	12	1.6	0	0.0	1	2.1	13	1.4
Cholelithiasis and other disorders of gallbladder	9	1.2	2	2.0	0	0.0	11	1.2
Peptic ulcer	9	1.2	0	0.0	0	0.0	10	1.1
Tuberculosis	5	0.6	1	1.0	0	0.0	7	0.7
Hernia	4	0.5	1	1.0	0	0.0	5	0.5
Infections of kidney	2	0.3	0	0.0	0	0.0	2	0.2
Pneumoconioses and chemical effects	1	0.1	1	1.0	0	0.0	2	0.2
Acute bronchitis and bronchiolitis	0	0.0	1	1.0	0	0.0	1	0.1
Legal intervention	0	0.0	0	0.0	0	0.0	1	0.1
Diseases of appendix	1	0.1	0	0.0	0	0.0	1	0.1
Meningococcal infection	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of prostate	0	0.0	0	0.0	0	0.0	0	0.0
Inflammatory diseases of female pelvic organs	0	0.0	0	0.0	0	0.0	0	0.0

¹All Races includes persons of race/ethnicity other than Black Non-Hispanic, White Non-Hispanic, or Hispanic in Origin.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³Rate per 100,000 based on specified population as reported in the 2000 Census.

**Table 33: Leading Causes of Death
Among Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	8,625	906.7
Diseases of heart	2,856	300.2
Malignant neoplasms	1,709	179.7
Cerebrovascular disease (stroke)	423	44.5
Assault (homicide)	334	35.1
Accidents (unintentional injuries)	333	35.0
Under 1 Year	210	1,418.9
Certain conditions originating in the perinatal period	148	1,000.0
Congenital malformations, deformations and chromosomal abnormalities	30	202.7
Sudden infant death syndrome	7	47.3
Accident (unintentional injuries)	4	27.0
Assault (homicide)	3	20.3
Diseases of the heart	3	20.3
1 - 4 Years	28	45.6
Accidents (unintentional injuries)	8	13.0
Assault (homicide)	6	9.8
Congenital malformations, deformations and chromosomal abnormalities	3	4.9
Malignant neoplasms	2	3.3
Certain conditions originating in the perinatal period	1	1.6
Influenza & Pneumonia	1	1.6
Diseases of the heart	1	1.6
5 - 9 Years	20	21.3
Accidents (unintentional injuries)	5	5.3
Diseases of the heart	2	2.1
Malignant neoplasms	2	2.1
Assault (homicide)	1	1.1
Chronic lower respiratory disease	1	1.1
Influenza & Pneumonia	1	1.1
Intentional self-harm	1	1.1
10-14 Years	21	25.2
Assault (homicide)	5	6.0
Malignant neoplasms	3	3.6
Diseases of the heart	2	2.4
Chronic lower respiratory disease	2	2.4
Accident (unintentional injuries)	2	2.4

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 33: Leading Causes of Death continued
Among Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
15-19 Years	74	107.7
Assault (homicide)	35	50.9
Accidents (unintentional injuries)	14	20.4
Intentional self-harm (suicide)	3	4.4
Congenital malformations, deformations and chromosomal abnormalities	3	4.4
Malignant neoplasms	2	2.9
Diseases of the heart	2	2.9
20-24 Years	112	170.6
Assault (homicide)	60	91.4
Accidents (unintentional injuries)	16	24.4
Intentional self-harm (suicide)	7	10.7
Diseases of the heart	4	6.1
Pregnancy, Childbirth and the puerperium	4	6.1
25-29 Years	128	172.5
Assault (homicide)	59	79.5
Accidents (unintentional injuries)	25	33.7
Intentional self-harm (suicide)	11	14.8
Diseases of the heart	6	8.1
Human immunodeficiency virus (HIV) disease	4	5.4
30-34 Years	162	231.1
Assault (homicide)	63	89.9
Accidents (unintentional injuries)	21	30.0
Diseases of the heart	12	17.1
Human immunodeficiency virus (HIV) disease	12	17.1
Malignant neoplasms	10	14.3
35-39 Years	180	266.5
Diseases of heart	33	48.9
Accidents (unintentional injuries)	23	34.1
Assault (homicide)	22	32.6
Malignant neoplasms	16	23.7
Human immunodeficiency virus (HIV) disease	8	11.8
Cerebrovascular disease (stroke)	8	11.8

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33: Leading Causes of Death continued
Among Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
40-44 Years	277	400.6
Diseases of heart	56	81
Malignant neoplasms	39	56.4
Assault (homicide)	29	41.9
Accidents (unintentional injuries)	25	36.2
Human immunodeficiency virus (HIV) disease	19	27.5
45-49 Years	501	795.8
Diseases of heart	133	211.3
Malignant neoplasms	88	139.8
Accidents (unintentional injuries)	54	85.8
Human immunodeficiency virus (HIV) disease	27	42.9
Assault (homicide)	22	34.9
50-54 Years	675	1,273.2
Diseases of heart	205	386.7
Malignant neoplasms	147	277.3
Accidents (unintentional injuries)	39	73.6
Cerebrovascular disease (stroke)	28	52.8
Human immunodeficiency virus (HIV) disease	24	45.3
55-59 Years	744	1,955.6
Diseases of heart	283	743.9
Malignant neoplasms	187	491.5
Cerebrovascular disease (stroke)	29	76.2
Accident (unintentional injuries)	27	71.0
Chronic liver disease & Cirrhosis	25	65.7
60-64 Years	710	2,419.6
Diseases of heart	273	930.3
Malignant neoplasms	222	756.5
Cerebrovascular disease (stroke)	34	115.9
Diabetes mellitus	25	85.2
Nephritis, nephrotic syndrome and nephrosis	13	44.3
Chronic lower respiratory disease	13	44.3
65-69 Years	580	2,143.9
Diseases of heart	195	720.8
Malignant neoplasms	175	646.9
Cerebrovascular disease (stroke)	21	77.6
Chronic lower respiratory disease	21	77.6
Nephritis, nephrotic syndrome and nephrosis	19	70.2

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

Table 33: Leading Causes of Death continued
Among Detroit Residents for 2005
By Age Group

Cause of Death¹	Number	Rate²
70-74 Years	739	2,863.3
Diseases of heart	282	1,092.6
Malignant neoplasms	182	705.2
Cerebrovascular disease (stroke)	46	178.2
Diabetes mellitus	39	151.1
Chronic lower respiratory disease	23	89.1
75-79 Years	964	4,471.2
Diseases of heart	355	1,646.6
Malignant neoplasms	218	1,011.1
Cerebrovascular disease (stroke)	67	310.8
Chronic lower respiratory disease	35	162.3
Diabetes mellitus	35	162.3
80-84 Years	997	7,302.4
Diseases of heart	380	2,783.3
Malignant neoplasms	222	1,626.0
Cerebrovascular disease (stroke)	65	476.1
Chronic lower respiratory disease	35	256.4
Diabetes mellitus	32	234.4
85-89 Years	587	8,068.7
Diseases of heart	322	4,426.1
Malignant neoplasms	111	1,525.8
Cerebrovascular disease (stroke)	55	756.0
Chronic lower respiratory disease	38	522.3
Nephritis, nephrotic syndrome and nephrosis	33	453.6
90 Years and Over	559	15,087.7
Diseases of heart	307	8,286.1
Malignant neoplasms	77	2,078.3
Cerebrovascular disease (stroke)	44	1,187.6
Nephritis, nephrotic syndrome and nephrosis	23	620.8
Influenza and pneumonia	22	593.8

¹ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

²Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33a: Leading Causes of Death
Among Black Non-Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	7,025	905.5
Diseases of heart	2,288	294.9
Malignant neoplasms	1,418	182.8
Cerebrovascular disease (stroke)	351	45.2
Assault (homicide)	303	39.1
Accidents (unintentional injuries)	260	33.5
Under 1 Year	187	1,578.1
Certain conditions originating in the perinatal period	135	1,139.2
Congenital malformations, deformations and chromosomal abnormalities	24	202.5
Sudden infant death syndrome	7	59.1
Diseases of the heart	3	25.3
Assault (homicide)	3	25.3
Accident (unintentional injuries)	3	25.3
1 - 4 Years	22	43.3
Accident (unintentional injuries)	7	13.8
Assault (homicide)	4	7.9
Congenital malformations, deformations and chromosomal abnormalities	3	5.9
Influenza and pneumonia	1	2.0
Diseases of heart	1	2.0
Certain conditions originating in the perinatal period	1	2.0
5 - 9 Years	20	24.7
Accidents (unintentional injuries)	5	6.2
Malignant neoplasms	2	2.5
Diseases of heart	2	2.5
Assault (homicide)	1	1.2
Chronic lower respiratory disease	1	1.2
Influenza and pneumonia	1	1.2
Intentional self-harm (suicide)	1	1.2
10-14 Years	14	19.4
Assault (homicide)	3	4.2
Chronic lower respiratory disease	2	2.8
Diseases of the heart	2	2.8
Accident (unintentional injuries)	2	2.8
Malignant neoplasms	2	2.8

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 33a: Leading Causes of Death continued
Among Black Non-Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
15-19 Years	62	107.8
Assault (homicide)	31	53.9
Accidents (unintentional injuries)	10	17.4
Congenital malformations, deformations and chromosomal abnormalities	3	5.2
Intentional self-harm (suicide)	1	1.7
Chronic lower respiratory disease	1	1.7
Malignant neoplasms	1	1.7
Anemia	1	1.7
Cerebrovascular disease (stroke)	1	1.7
Septicemia	1	1.7
20-24 Years	97	188.2
Assault (homicide)	55	106.7
Accidents (unintentional injuries)	12	23.3
Intentional self-harm (suicide)	4	7.8
Malignant neoplasms	3	5.8
Diseases of the heart	3	5.8
Chronic lower respiratory disease	3	5.8
Pregnancy, childbirth and the puerperium	3	5.8
25-29 Years	111	187.5
Assault (homicide)	55	92.9
Accidents (unintentional injuries)	19	32.1
Intentional self-harm (suicide)	10	16.9
Diseases of the heart	4	6.8
Human immunodeficiency virus (HIV) disease	4	6.8
30-34 Years	149	263.7
Assault (homicide)	62	109.7
Accidents (unintentional injuries)	19	33.6
Human immunodeficiency virus (HIV) disease	12	21.2
Diseases of the heart	11	19.5
Malignant Neoplasms	8	14.2
35-39 Years	150	273.0
Diseases of the heart	30	54.6
Assault (homicide)	21	38.2
Accident (unintentional injuries)	18	32.8
Malignant neoplasms	14	25.5
Cerebrovascular disease (stroke)	7	12.7
Human immunodeficiency virus (HIV) disease	7	12.7

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33a: Leading Causes of Death continued
Among Black Non-Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
40-44 Years	239	418.7
Diseases of the heart	48	84.1
Malignant neoplasms	35	61.3
Assault (homicide)	28	49.1
Accidents (unintentional injuries)	20	35.0
Human immunodeficiency virus (HIV) disease	17	29.8
45-49 Years	421	817.2
Diseases of the heart	111	215.5
Malignant neoplasms	76	147.5
Accidents (unintentional injuries)	45	87.3
Human immunodeficiency virus (HIV) disease	24	46.6
Assault (homicide)	19	36.9
50-54 Years	571	1,328.2
Diseases of the heart	180	418.7
Malignant neoplasms	124	288.4
Accidents (unintentional injuries)	27	62.8
Cerebrovascular disease (stroke)	26	60.5
Human Immunodeficiency virus (HIV) disease	21	48.8
55-59 Years	639	2,099.9
Diseases of the heart	238	782.1
Malignant neoplasms	162	532.4
Cerebrovascular disease (stroke)	26	85.4
Accidents (unintentional injuries)	24	78.9
Chronic liver disease and cirrhosis	22	72.3
60-64 Years	575	2,468.2
Diseases of the heart	217	931.5
Malignant neoplasms	189	811.3
Cerebrovascular disease (stroke)	28	120.2
Diabetes mellitus	22	94.4
Nephritis, nephrotic syndrome and nephrosis	9	38.6
65-69 Years	467	2,150.7
Diseases of the heart	157	723.0
Malignant neoplasms	142	654.0
Cerebrovascular disease (stroke)	18	82.9
Nephritis, nephrotic syndrome and nephrosis	17	78.3
Chronic lower respiratory disease	11	50.7

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33a: Leading Causes of Death continued
Among Black Non-Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
70-74 Years	224	1,119.3
Diseases of heart	154	769.5
Malignant neoplasms	190	949.4
Cerebrovascular disease (stroke)	42	209.9
Diabetes mellitus	32	159.9
Nephritis, nephrotic syndrome and nephrosis	16	79.9
75-79 Years	865	5,383.7
Diseases of the heart	286	1,780.0
Malignant neoplasms	171	1,064.3
Cerebrovascular disease (stroke)	53	329.9
Diabetes mellitus	29	180.5
Nephritis, nephrotic syndrome and nephrosis	25	155.6
80-84 Years	790	8,224.9
Diseases of the heart	297	3,092.1
Malignant neoplasms	178	1,853.2
Cerebrovascular disease (stroke)	57	593.4
Chronic lower respiratory disease	30	312.3
Nephritis, nephrotic syndrome and nephrosis	28	291.5
85-89 Years	587	11,349.6
Diseases of the heart	240	4,640.4
Malignant neoplasms	85	1,643.5
Cerebrovascular disease (stroke)	40	773.4
Nephritis, nephrotic syndrome and nephrosis	29	560.7
Chronic lower respiratory disease	23	444.7
90 Years and Over	559	20,991.4
Diseases of heart	232	8,712.0
Malignant neoplasms	68	2,553.5
Cerebrovascular disease (stroke)	35	1,314.3
Nephritis, nephrotic syndrome and nephrosis	21	788.6
Chronic lower respiratory disease	17	638.4
Diabetes mellitus	17	638.4

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33b: Leading Causes of Death
Among White Non-Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	1,317	1,129.5
Diseases of heart	495	424.5
Malignant neoplasms	245	210.1
Cerebrovascular disease (stroke)	63	54.0
Accident (unintentional injuries)	59	50.6
Chronic lower respiratory disease	56	48.0
Under 1 Year	11	763.9
Certain conditions originating in the perinatal period	6	416.7
Congenital malformations, deformations and chromosomal abnormalities	3	208.3
Accident (unintentional injuries)	1	69.4
Acute bronchitis and bronchiolitis	1	69.4
1 - 4 Years	4	78.4
Accident (unintentional injuries)	1	19.6
Congenital malformations, deformations and chromosomal abnormalities	1	19.6
Malignant neoplasms	1	19.6
Disease of the appendix	1	19.6
5 - 9 Years	1	15.1
Cerebral palsy	1	15.1
10-14 Years	3	51.1
Assault (homicide)	1	17.0
Nephritis, nephrotic syndrome and nephrosis	1	17.0
Cerebral palsy	1	17.0
15-19 Years	4	65.6
Accident (unintentional injuries)	3	49.2
Intentional self-harm (suicide)	1	16.4

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 33b: Leading Causes of Death continued
Among White Non-Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
20-24 Years	5	61.5
Intentional self-harm (suicide)	2	24.6
Accident (unintentional injuries)	1	12.3
Assault (homicide)	1	12.3
Diseases of the heart	1	12.3
25-29 Years	10	110.9
Assault (homicide)	3	33.3
Accident (unintentional injuries)	2	22.2
Chronic lower respiratory disease	1	11.1
Diseases of the heart	1	11.1
30-34 Years	9	104.5
Malignant Neoplasms	2	23.2
Intentional self-harm (suicide)	2	23.2
Accident (unintentional injuries)	1	11.6
35-39 Years	21	246.0
Accident (unintentional injuries)	4	46.9
Chronic liver disease and cirrhosis	3	35.1
Malignant neoplasms	2	23.4
Diseases of the heart	2	23.4
Cerebrovascular disease (stroke)	1	11.7
Intentional self-harm (suicide)	1	11.7
Benign neoplasms	1	11.7
40-44 Years	34	384.1
Diseases of the heart	6	67.8
Accident (unintentional injuries)	5	56.5
Malignant neoplasms	4	45.2
Intentional self-harm (suicide)	4	45.2
Chronic liver disease and cirrhosis	3	33.9
45-49 Years	58	673.6
Diseases of the heart	15	174.2
Malignant neoplasms	11	127.8
Accidents (unintentional injuries)	8	92.9
Chronic lower respiratory disease	4	46.5
Assault (homicide)	3	34.8

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33b: Leading Causes of Death 2005 continued
Among White Non-Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
50-54 Years	78	989.3
Diseases of the heart	23	291.7
Malignant neoplasms	14	177.6
Accident (unintentional injuries)	10	126.8
Diabetes mellitus	3	38.1
Influenza and pneumonia	2	25.4
Chronic liver disease and cirrhosis	2	25.4
55-59 Years	93	1,528.1
Diseases of the heart	40	657.2
Malignant neoplasms	22	361.5
Diabetes mellitus	4	65.7
Accident (unintentional injuries)	2	32.9
Assault (homicide)	2	32.9
60-64 Years	107	2,241.8
Diseases of the heart	49	1,026.6
Malignant neoplasms	28	586.6
Chronic liver disease and cirrhosis	5	104.8
Cerebrovascular disease (stroke)	4	83.8
Septicemia	3	62.9
65-69 Years	87	1,980.0
Diseases of the heart	28	637.2
Malignant neoplasms	27	614.5
Chronic lower respiratory disease	8	182.1
Accident (unintentional injuries)	4	91.0
Cerebrovascular disease (stroke)	3	68.3
70-74 Years	110	2,177.4
Diseases of heart	47	930.3
Malignant neoplasms	23	455.3
Chronic lower respiratory disease	7	138.6
Diabetes mellitus	6	118.8
Cerebrovascular disease (stroke)	4	79.2
75-79 Years	167	3,401.2
Diseases of the heart	57	1,160.9
Malignant neoplasms	41	835.0
Cerebrovascular disease (stroke)	13	264.8
Chronic lower respiratory disease	10	203.7
Diabetes mellitus	6	122.2

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

Table 33b: Leading Causes of Death continued
Among White Non-Hispanic Detroit Residents for 2005
By Age Group

Cause of Death¹	Number	Rate²
80-84 Years	190	5,119.9
Diseases of the heart	79	2,128.8
Malignant neoplasms	39	1,050.9
Cerebrovascular disease (stroke)	11	296.4
Chronic lower respiratory disease	6	161.7
Septicemia	6	161.7
85-89 Years	193	10,026.0
Diseases of the heart	78	4,051.9
Malignant neoplasms	22	1,142.9
Cerebrovascular disease (stroke)	14	727.3
Chronic lower respiratory disease	14	727.3
Alzheimer's disease	6	311.7
90 Years and Over	142	14,715.0
Diseases of heart	69	7,150.3
Malignant neoplasms	9	932.6
Cerebrovascular disease (stroke)	8	829.0
Influenza and pneumonia	6	621.8
Accident (unintentional injuries)	5	518.1

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33c: Leading Causes of Death
Among Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	170	360.4
Diseases of heart	42	89.0
Malignant neoplasms	25	53.0
Assault (homicide)	14	29.7
Accidents (unintentional injuries)	13	27.6
Chronic liver disease and cirrhosis	7	14.8
Intentional self-harm (suicide)	7	14.8
Under 1 Year	8	604.2
Certain conditions originating in the perinatal period	6	453.2
Congenital malformations, deformations and chromosomal abnormalities	1	75.5
1 - 4 Years	1	0.8
Assault (homicide)	1	22.7
5 - 9 Years	1	20.2
Other sudden death, cause unknown	1	20.2
10-14 Years	4	100.6
Assault (homicide)	1	25.2
Malignant neoplasms	1	25.2
Diabetes mellitus	1	25.2
15-19 Years	7	166.4
Assault (homicide)	4	95.1
Intentional self-harm	1	23.8
Malignant neoplasms	1	23.8

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 33c: Leading Causes of Death continued
Among Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
20-24 Years	10	184.4
Assault (homicide)	4	73.7
Accident (unintentional injuries)	3	55.3
Intentional self-harm (suicide)	1	18.4
Pregnancy, childbirth and the puerperium	1	18.4
25-29 Years	7	132.8
Accident (unintentional injuries)	4	75.9
Assault (homicide)	1	19.0
Intentional self-harm	1	19.0
Diseases of the heart	1	19.0
30-34 Years	4	94.0
Assault (homicide)	1	23.5
Intentional self-harm (suicide)	1	23.5
Accident (unintentional injuries)	1	23.5
Diseases of the heart	1	23.5
35-39 Years	7	207.5
Accident (unintentional injuries)	1	29.6
Assault (homicide)	1	29.6
Human immunodeficiency virus (HIV) disease	1	29.6
Diseases of the heart	1	29.6
Chronic liver disease and cirrhosis	1	29.6
40-44 Years	5	200.2
Diseases of the heart	1	40.0
Chronic liver disease and cirrhosis	1	40.0
45-49 Years	16	783.9
Diseases of the heart	6	294.0
Influenza and pneumonia	2	98.0
Accidents (unintentional injuries)	1	49.0
Cerebrovascular disease (stroke)	1	49.0
Human immunodeficiency virus (HIV) disease	1	49.0
Intentional self-harm (suicide)	1	49.0
Nephritis, nephrotic syndrome and nephrosis	1	49.0
Diabetes mellitus	1	49.0

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33c: Leading Causes of Death continued
Among Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
50-54 Years	13	874.8
Malignant neoplasms	5	336.5
Accidents (unintentional injuries)	2	134.6
Diseases of the heart	1	67.3
Influenza and pneumonia	1	67.3
Assault (homicide)	1	67.3
Human immunodeficiency virus (HIV) disease	1	67.3
55-59 Years	9	842.7
Diseases of the heart	4	374.5
Malignant neoplasms	2	187.3
Chronic liver disease and cirrhosis	2	187.3
Intentional self-harm (suicide)	1	93.6
60-64 Years	13	1,534.8
Malignant neoplasms	2	236.1
Diabetes mellitus	2	236.1
Nephritis, nephrotic syndrome and nephrosis	2	236.1
Diseases of the heart	1	118.1
Chronic liver disease and cirrhosis	1	118.1
Cerebrovascular disease (stroke)	1	118.1
Human immunodeficiency virus (HIV) disease	1	118.1
65-69 Years	16	2,292.3
Diseases of the heart	6	859.6
Malignant neoplasms	6	859.6
Diabetes mellitus	1	143.3
Nephritis, nephrotic syndrome and nephrosis	1	143.3
Hypertension	1	143.3
Chronic liver disease and cirrhosis	1	143.3
70-74 Years	14	2,314.0
Diseases of heart	5	826.4
Malignant neoplasms	2	330.6
Chronic lower respiratory disease	1	165.3
Chronic liver disease and cirrhosis	1	165.3
Intentional self-harm (suicide)	1	165.3
Septicemia	1	165.3

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 33c: Leading Causes of Death continued
Among Hispanic Detroit Residents for 2005
By Age Group**

Cause of Death¹	Number	Rate²
75-79 Years	13	3,430.1
Diseases of the heart	7	1,847.0
Malignant neoplasms	2	527.7
Accident (unintentional injuries)	1	263.9
Influenza and pneumonia	1	263.9
80-84 Years	9	4,812.8
Malignant neoplasms	3	1,604.3
Diseases of the heart	2	1,069.5
Influenza and pneumonia	2	1,069.5
Nephritis, nephrotic syndrome and nephrosis	1	534.8
85-89 Years	5	4,717.0
Diseases of the heart	3	2,830.2
Malignant neoplasms	1	943.4
90 Years and Over	8	13,114.8
Diseases of heart	3	4,918.0
Diabetes mellitus	1	1,639.3
Alzheimer's disease	1	1,639.3

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34: Leading Causes of Death
Among Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	8,324	875.0
Diseases of heart	2,628	276.3
Malignant neoplasms	1,788	188.0
Cerebrovascular disease (stroke)	400	42.0
Assault (homicide)	364	38.3
Accidents (unintentional injuries)	355	37.3
Under 1 Year	175	1,182.4
Certain conditions originating in the perinatal period	106	716.2
Congenital malformations, deformations and chromosomal abnormalities	24	162.2
Accident (unintentional injuries)	16	108.1
Sudden infant death syndrome	10	67.6
Assault (homicide)	4	27.0
1 - 4 Years	24	39.1
Accidents (unintentional injuries)	8	13.0
Congenital malformations, deformations and chromosomal abnormalities	5	8.1
Malignant neoplasms	2	3.3
Chronic lower respiratory disease	1	1.6
Certain conditions originating in the perinatal period	1	1.6
Acute bronchitis and bronchiolitis	1	1.6
Diseases of the heart	1	1.6
Assault (homicide)	1	1.6
5 - 9 Years	13	13.8
Chronic lower respiratory disease	4	4.3
Accidents (unintentional injuries)	3	3.2
Congenital malformations, deformations and chromosomal abnormalities	1	1.1
Assault (homicide)	1	1.1
Anemia	1	1.1
10-14 Years	14	16.8
Malignant neoplasms	3	3.6
Assault (homicide)	2	2.4
Chronic lower respiratory disease	2	2.4
Accident (unintentional injuries)	1	1.2

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 34: Leading Causes of Death continued
Among Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
15-19 Years	90	131.0
Assault (homicide)	52	75.7
Accidents (unintentional injuries)	15	21.8
Intentional self-harm (suicide)	3	4.4
Diabetes mellitus	3	4.4
Malignant neoplasms	3	4.4
Chronic lower respiratory disease	3	4.4
20-24 Years	105	159.9
Assault (homicide)	52	79.2
Accidents (unintentional injuries)	16	24.4
Intentional self-harm (suicide)	8	12.2
Diseases of the heart	8	12.2
Malignant neoplasms	3	4.6
25-29 Years	128	172.5
Assault (homicide)	57	76.8
Accidents (unintentional injuries)	18	24.3
Diseases of the heart	12	16.2
Intentional self-harm (suicide)	7	9.4
Malignant neoplasms	5	6.7
30-34 Years	150	214.0
Assault (homicide)	60	85.6
Diseases of the heart	23	32.8
Accidents (unintentional injuries)	21	30.0
Malignant neoplasms	7	10.0
Human immunodeficiency virus (HIV) disease	6	8.6
Intentional self-harm (suicide)	6	8.6
35-39 Years	196	290.2
Diseases of heart	42	62.2
Assault (homicide)	37	54.8
Malignant neoplasms	24	35.5
Accidents (unintentional injuries)	23	34.1
Human immunodeficiency virus (HIV) disease	16	23.7
40-44 Years	269	389.0
Diseases of heart	61	88.2
Malignant neoplasms	40	57.8
Assault (homicide)	33	47.7
Accidents (unintentional injuries)	33	47.7
Human immunodeficiency virus (HIV) disease	13	18.8

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34: Leading Causes of Death continued
Among Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
45-49 Years	431	684.6
Diseases of heart	115	182.7
Malignant neoplasms	80	127.1
Accidents (unintentional injuries)	60	95.3
Assault (homicide)	24	38.1
Human immunodeficiency virus (HIV) disease	15	23.8
50-54 Years	659	1,243.0
Diseases of heart	187	352.7
Malignant neoplasms	162	305.6
Accidents (unintentional injuries)	49	92.4
Cerebrovascular disease (stroke)	28	52.8
Assault (homicide)	24	45.3
55-59 Years	703	1,847.8
Diseases of heart	259	680.8
Malignant neoplasms	183	481.0
Cerebrovascular disease (stroke)	28	73.6
Diabetes mellitus	23	60.5
Chronic lower respiratory disease	20	52.6
60-64 Years	694	2,365.0
Diseases of heart	236	804.3
Malignant neoplasms	200	681.6
Diabetes mellitus	34	115.9
Cerebrovascular disease (stroke)	33	112.5
Chronic lower respiratory disease	27	92.0
65-69 Years	642	2,373.0
Diseases of heart	216	798.4
Malignant neoplasms	216	798.4
Cerebrovascular disease (stroke)	33	122.0
Diabetes mellitus	27	99.8
Nephritis, nephrotic syndrome and nephrosis	19	70.2

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34: Leading Causes of Death continued
Among Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
70-74 Years	716	2,774.2
Diseases of heart	256	991.9
Malignant neoplasms	234	906.7
Cerebrovascular disease (stroke)	28	108.5
Diabetes mellitus	25	96.9
Nephritis, nephrotic syndrome and nephrosis	24	93.0
75-79 Years	895	4,151.2
Diseases of heart	272	1,261.6
Malignant neoplasms	248	1,150.3
Cerebrovascular disease (stroke)	51	236.5
Chronic lower respiratory disease	45	208.7
Diabetes mellitus	39	180.9
80-84 Years	997	7,302.4
Diseases of heart	361	2,644.1
Malignant neoplasms	196	1,435.6
Cerebrovascular disease (stroke)	69	505.4
Chronic lower respiratory disease	35	256.4
Diabetes mellitus	35	256.4
85-89 Years	754	10,364.3
Diseases of heart	289	3,972.5
Malignant neoplasms	123	1,690.7
Cerebrovascular disease (stroke)	52	714.8
Chronic lower respiratory disease	26	357.4
Nephritis, nephrotic syndrome and nephrosis	24	329.9
Influenza and pneumonia	24	329.9
90 Years and Over	669	18,056.7
Diseases of heart	288	7,773.3
Malignant neoplasms	59	1,592.4
Cerebrovascular disease (stroke)	48	1,295.5
Influenza and pneumonia	20	539.8
Septicemia	17	458.8

¹ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

²Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34a: Leading Causes of Death
Among Black Non-Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	6,928	893.0
Diseases of heart	2,175	280.4
Malignant neoplasms	1,512	194.9
Cerebrovascular disease (stroke)	337	43.4
Assault (homicide)	336	43.3
Accidents (unintentional injuries)	277	35.7
Under 1 Year	153	1,291.1
Certain conditions originating in the perinatal period	95	801.7
Congenital malformations, deformations and chromosomal abnormalities	21	177.2
Accident (unintentional injuries)	12	101.3
Sudden infant death syndrome	9	75.9
Assault (homicide)	4	33.8
1 - 4 Years	21	41.4
Accidents (unintentional injuries)	8	15.8
Congenital malformations, deformations and chromosomal abnormalities	3	5.9
Malignant neoplasms	2	3.9
Chronic lower respiratory disease	1	2.0
Certain conditions originating in the perinatal period	1	2.0
Acute bronchitis and bronchiolitis	1	2.0
Diseases of the heart	1	2.0
Assault (homicide)	1	2.0
5 - 9 Years	12	14.8
Chronic lower respiratory disease	4	4.9
Accidents (unintentional injuries)	3	3.7
Assault (homicide)	1	1.2
Anemia	1	1.2
10-14 Years	11	15.3
Malignant neoplasms	2	2.8
Assault (homicide)	2	2.8
Chronic lower respiratory disease	2	2.8
Accident (unintentional injuries)	1	1.4
15-19 Years	86	149.6
Assault (homicide)	51	88.7
Accidents (unintentional injuries)	15	26.1
Intentional self-harm (suicide)	3	5.2
Diabetes mellitus	3	5.2
Chronic lower respiratory disease	3	5.2

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 34a: Leading Causes of Death continued
Among Black Non-Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
20-24 Years	89	172.7
Assault (homicide)	48	93.2
Accidents (unintentional injuries)	10	19.4
Intentional self-harm (suicide)	7	13.6
Diseases of the heart	7	13.6
Malignant neoplasms	3	5.8
25-29 Years	118	199.3
Assault (homicide)	55	92.9
Accidents (unintentional injuries)	12	20.3
Diseases of the heart	10	16.9
Intentional self-harm (suicide)	7	11.8
Malignant neoplasms	5	8.4
30-34 Years	133	235.3
Assault (homicide)	56	99.1
Diseases of the heart	21	37.2
Accidents (unintentional injuries)	16	28.3
Malignant neoplasms	7	12.4
Human immunodeficiency virus (HIV) disease	6	10.6
Intentional self-harm (suicide)	5	8.8
35-39 Years	174	316.7
Diseases of the heart	40	72.8
Assault (homicide)	36	65.5
Malignant neoplasms	22	40.0
Accidents (unintentional injuries)	19	34.6
Human immunodeficiency virus (HIV) disease	15	27.3
40-44 Years	225	394.2
Diseases of the heart	54	94.6
Malignant neoplasms	32	56.1
Assault (homicide)	28	49.1
Accidents (unintentional injuries)	24	42.0
Human immunodeficiency virus (HIV) disease	12	21.0

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34a: Leading Causes of Death continued
Among Black Non-Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
45-49 Years	360	698.8
Diseases of the heart	99	192.2
Malignant neoplasms	67	130.0
Accidents (unintentional injuries)	47	91.2
Assault (homicide)	22	42.7
Human immunodeficiency virus (HIV) disease	15	29.1
50-54 Years	563	1,309.5
Diseases of the heart	159	369.8
Malignant neoplasms	148	344.3
Accidents (unintentional injuries)	41	95.4
Cerebrovascular disease (stroke)	24	55.8
Chronic liver disease and cirrhosis	18	41.9
Assault (homicide)	18	41.9
55-59 Years	606	1,991.5
Diseases of the heart	225	739.4
Malignant neoplasms	160	525.8
Cerebrovascular disease (stroke)	24	78.9
Diabetes mellitus	20	65.7
Chronic lower respiratory disease	16	52.6
60-64 Years	583	2,502.6
Diseases of the heart	196	841.3
Malignant neoplasms	168	721.2
Diabetes mellitus	29	124.5
Cerebrovascular disease (stroke)	29	124.5
Chronic lower respiratory disease	20	85.9
65-69 Years	544	2,505.3
Malignant neoplasms	190	875.0
Diseases of the heart	174	801.3
Cerebrovascular disease (stroke)	29	133.6
Diabetes mellitus	25	115.1
Nephritis, nephrotic syndrome and nephrosis	16	73.7

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34a: Leading Causes of Death continued
Among Black Non-Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
70-74 Years	617	3,083.0
Diseases of the heart	226	1,129.3
Malignant neoplasms	198	989.4
Cerebrovascular disease (stroke)	25	124.9
Nephritis, nephrotic syndrome and nephrosis	24	119.9
Diabetes mellitus	16	79.9
75-79 Years	721	4,487.5
Diseases of the heart	223	1,387.9
Malignant neoplasms	196	1,219.9
Cerebrovascular disease (stroke)	45	280.1
Chronic lower respiratory disease	31	192.9
Diabetes mellitus	30	186.7
80-84 Years	811	8,443.5
Diseases of heart	301	3,133.8
Malignant neoplasms	154	1,603.3
Cerebrovascular disease (stroke)	61	635.1
Nephritis, nephrotic syndrome and nephrosis	30	312.3
Diabetes mellitus	30	312.3
85-89 Years	587	11,349.6
Diseases of heart	216	4,176.3
Malignant neoplasms	103	1,991.5
Cerebrovascular disease (stroke)	40	773.4
Nephritis, nephrotic syndrome and nephrosis	20	386.7
Influenza and pneumonia	20	386.7
90 Years and Over	514	19,301.5
Diseases of heart	221	8,298.9
Malignant neoplasms	53	1,990.2
Cerebrovascular disease (stroke)	34	1,276.8
Septicemia	14	525.7
Hypertension	13	488.2
Alzheimer's disease	13	488.2
Influenza and pneumonia	13	488.2

¹ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

²Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34b: Leading Causes of Death
Among White Non-Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	1,139	976.9
Diseases of heart	328	281.3
Malignant neoplasms	234	200.7
Accident (unintentional injuries)	57	48.9
Cerebrovascular disease (stroke)	54	46.3
Chronic lower respiratory disease	54	46.3
Under 1 Year	8	555.6
Certain conditions originating in the perinatal period	3	208.3
Accident (unintentional injuries)	2	138.9
Influenza and pneumonia	1	69.4
1 - 4 Years	0	0.0
5 - 9 Years	0	0.0
10-14 Years	3	51.1
Cerebral palsy	2	34.1
Malignant neoplasms	1	17.0
15-19 Years	2	32.8
Assault (homicide)	1	16.4
20-24 Years	6	73.8
Accident (unintentional injuries)	2	24.6
Intentional self-harm (suicide)	1	12.3
Nephritis, nephrotic syndrome and nephrosis	1	12.3
25-29 Years	5	55.5
Accident (unintentional injuries)	3	33.3
Assault (homicide)	1	11.1
Diseases of the heart	1	11.1

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 34b: Leading Causes of Death continued
Among White Non-Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
30-34 Years	9	104.5
Accident (unintentional injuries)	4	46.4
Intentional self-harm (suicide)	1	11.6
Assault (homicide)	1	11.6
Diseases of the heart	1	11.6
35-39 Years	15	175.7
Intentional self-harm (suicide)	3	35.1
Accident (unintentional injuries)	2	23.4
Diseases of the heart	2	23.4
Malignant neoplasms	1	11.7
Nephritis, nephrotic syndrome and nephrosis	1	11.7
Septicemia	1	11.7
Influenza and pneumonia	1	11.7
Human immunodeficiency virus (HIV) disease	1	11.7
Viral hepatitis	1	11.7
40-44 Years	30	338.9
Accident (unintentional injuries)	8	90.4
Diseases of the heart	6	67.8
Malignant neoplasms	4	45.2
Assault (homicide)	2	22.6
Septicemia	2	22.6
45-49 Years	51	592.3
Diseases of the heart	11	127.8
Accidents (unintentional injuries)	9	104.5
Malignant neoplasms	6	69.7
Cerebrovascular disease (stroke)	2	23.2
Chronic liver disease and cirrhosis	2	23.2
Septicemia	2	23.2
50-54 Years	76	964.0
Diseases of the heart	23	291.7
Malignant neoplasms	11	139.5
Accident (unintentional injuries)	7	88.8
Assault (homicide)	4	50.7
Viral hepatitis	4	50.7

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population as reported in the 2000 US Census.

**Table 34b: Leading Causes of Death continued
Among White Non-Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
55-59 Years	75	1,232.3
Diseases of the heart	27	443.6
Malignant neoplasms	18	295.8
Chronic lower respiratory disease	5	82.2
Chronic liver disease and cirrhosis	5	82.2
Assault (homicide)	2	32.9
Accident (unintentional injuries)	3	49.3
Influenza and pneumonia	3	49.3
Cerebrovascular disease (stroke)	3	49.3
60-64 Years	90	1,885.6
Diseases of the heart	32	670.4
Malignant neoplasms	28	586.6
Chronic lower respiratory disease	7	146.7
Diabetes mellitus	3	62.9
Cerebrovascular disease (stroke)	3	62.9
65-69 Years	86	1,957.2
Diseases of the heart	36	819.3
Malignant neoplasms	23	523.4
Cerebrovascular disease (stroke)	4	91.0
Nephritis, nephrotic syndrome and nephrosis	3	68.3
Chronic lower respiratory disease	2	45.5
Diabetes mellitus	2	45.5
Septicemia	2	45.5
70-74 Years	78	1,543.9
Malignant neoplasms	34	673.0
Diseases of the heart	20	395.9
Diabetes mellitus	7	138.6
Cerebrovascular disease (stroke)	3	59.4
Chronic lower respiratory disease	2	39.6
75-79 Years	149	3,034.6
Malignant neoplasms	46	936.9
Diseases of the heart	42	855.4
Chronic lower respiratory disease	12	244.4
Diabetes mellitus	7	142.6
Cerebrovascular disease (stroke)	6	122.2

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

Table 34b: Leading Causes of Death continued
Among White Non-Hispanic Detroit Residents for 2006
By Age Group

Cause of Death¹	Number	Rate²
80-84 Years	169	4,554.0
Diseases of the heart	55	1,482.1
Malignant neoplasms	37	997.0
Chronic lower respiratory disease	11	296.4
Influenza and pneumonia	9	242.5
Cerebrovascular disease (stroke)	8	215.6
85-89 Years	152	7,896.1
Diseases of the heart	66	3,428.6
Malignant neoplasms	19	987.0
Cerebrovascular disease (stroke)	9	467.5
Chronic lower respiratory disease	7	363.6
Nephritis, nephrotic syndrome and nephrosis	4	207.8
Septicemia	4	207.8
90 Years and Over	135	13,989.6
Diseases of heart	60	6,217.6
Cerebrovascular disease (stroke)	12	1,243.5
Influenza and pneumonia	6	621.8
Malignant neoplasms	6	621.8
Accident (unintentional injuries)	5	518.1

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34c: Leading Causes of Death
Among Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
All Ages³	154	326.5
Diseases of heart	38	80.6
Malignant neoplasms	27	57.2
Accident (unintentional injuries)	15	31.8
Assault (homicide)	13	27.6
Diabetes mellitus	8	17.0
Under 1 Year	10	755.3
Certain conditions originating in the perinatal period	5	377.6
Congenital malformations, deformations and chromosomal abnormalities	2	151.1
Accident (unintentional injuries)	2	151.1
1 - 4 Years	3	68.0
Congenital malformations, deformations and chromosomal abnormalities	2	45.3
Portal vein thrombosis	1	22.7
5 - 9 Years	1	20.2
Congenital malformations, deformations and chromosomal abnormalities	1	20.2
10-14 Years	0	0.0
15-19 Years	1	23.8
Malignant neoplasms	1	23.8
20-24 Years	9	165.9
Accident (unintentional injuries)	4	73.7
Assault (homicide)	4	73.7
Diseases of the heart	1	18.4

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

³ All Ages includes those where the age is not stated.

**Table 34c: Leading Causes of Death continued
Among Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
25-29 Years	4	75.9
Accident (unintentional injuries)	2	37.9
Assault (homicide)	1	19.0
Diseases of the heart	1	19.0
30-34 Years	6	141.0
Assault (homicide)	3	70.5
Diseases of the heart	1	23.5
Intentional self-harm (suicide)	1	23.5
35-39 Years	5	148.2
Malignant neoplasms	1	29.6
Assault (homicide)	1	29.6
Chronic liver disease and cirrhosis	1	29.6
40-44 Years	10	400.3
Malignant neoplasms	3	120.1
Assault (homicide)	2	80.1
Diseases of the heart	1	40.0
Cerebrovascular disease (stroke)	1	40.0
Accident (unintentional injuries)	1	40.0
Anemia	1	40.0
45-49 Years	15	734.9
Malignant neoplasms	6	294.0
Diseases of the heart	3	147.0
Accident (unintentional injuries)	3	147.0
Assault (homicide)	1	49.0
Chronic liver disease and cirrhosis	1	49.0
Influenza and pneumonia	1	49.0
50-54 Years	12	807.5
Diseases of the heart	3	201.9
Chronic liver disease and cirrhosis	2	134.6
Accident (unintentional injuries)	1	67.3
Assault (homicide)	1	67.3
Cerebrovascular disease (stroke)	1	67.3
Viral hepatitis	1	67.3

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34c: Leading Causes of Death continued
Among Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
55-59 Years	11	1,030.0
Diseases of the heart	5	468.2
Malignant neoplasms	2	187.3
Diabetes mellitus	1	93.6
Hypertension	1	93.6
Viral hepatitis	1	93.6
60-64 Years	10	1,180.6
Diseases of the heart	3	354.2
Malignant neoplasms	2	236.1
Diabetes mellitus	2	236.1
Cerebrovascular disease (stroke)	1	118.1
Aortic aneurysm	1	118.1
65-69 Years	7	1,002.9
Diseases of the heart	4	573.1
Malignant neoplasms	2	286.5
70-74 Years	13	2,148.8
Malignant neoplasms	6	991.7
Diseases of the heart	2	330.6
Diabetes mellitus	2	330.6
Accident (unintentional injuries)	1	165.3
Alzheimer's disease	1	165.3
75-79 Years	13	3,430.1
Diseases of the heart	3	791.6
Diabetes mellitus	1	263.9
Nephritis, nephrotic syndrome and nephrosis	1	263.9
Accident (unintentional injuries)	1	263.9
Chronic liver disease and cirrhosis	1	263.9
Aortic aneurysm	1	263.9
Septicemia	1	263.9

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 34c: Leading Causes of Death continued
Among Hispanic Detroit Residents for 2006
By Age Group**

Cause of Death¹	Number	Rate²
80-84 Years	10	5,347.6
Malignant neoplasms	4	2,139.0
Diseases of the heart	2	1,069.5
Septicemia	2	1,069.5
Diabetes mellitus	1	534.8
85-89 Years	6	5,660.4
Diseases of the heart	4	3,773.6
Cerebrovascular disease (stroke)	1	943.4
Diabetes mellitus	1	943.4
90 Years and Over	8	13,114.8
Nephritis, nephrotic syndrome and nephrosis	2	3,278.7
Diseases of heart	1	1,639.3
Influenza and pneumonia	1	1,639.3
Septicemia	1	1,639.3

¹ ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

² Rate per 100,000 specified population in that specific age group as reported in the 2000 US Census.

**Table 35: Percentage¹ of Autopsies Performed
Among Detroit Residents for 2005
By Cause of Death**

Cause of Death²	Autopsied	Not Autopsied	Not Stated
All Causes	18.2%	81.7%	0.1%
Accidents (unintentional injuries)	80.8%	19.2%	0.0%
Acute bronchitis and bronchiolitis	100.0%	0.0%	0.0%
Alzheimer's disease	0.0%	100.0%	0.0%
Anemias	19.0%	81.0%	0.0%
Aortic aneurysm and dissection	31.0%	51.7%	0.0%
Assault (homicide)	99.4%	0.6%	0.0%
Atherosclerosis	3.2%	96.8%	0.0%
Cerebrovascular diseases	7.8%	92.0%	0.2%
Certain conditions originating in the perinatal period	14.8%	85.2%	0.0%
Cholelithiasis and other disorders of gallbladder	9.1%	90.9%	0.0%
Chronic liver disease and cirrhosis	23.9%	76.1%	0.0%
Chronic lower respiratory disease	11.6%	88.4%	0.0%
Complication of medical and surgical care	35.7%	64.3%	0.0%
Congenital malformations, deformations & chromosomal abnormalities	34.1%	65.9%	0.0%
Diabetes mellitus	6.0%	94.0%	0.0%
Diseases of appendix	100.0%	0.0%	0.0%
Diseases of heart	12.3%	87.7%	0.0%
Essential (primary) hypertension and hypertensive renal disease	5.0%	94.1%	1.0%
Hernia	0.0%	100.0%	0.0%
Human Immunodeficiency virus (HIV) disease	5.6%	94.4%	0.0%
Hyperplasia of prostate	0.0%	0.0%	0.0%
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	16.7%	83.3%	0.0%
Infections of kidney	50.0%	50.0%	0.0%
Inflammatory diseases of female pelvic organs	0.0%	0.0%	0.0%
Influenza and pneumonia	17.7%	82.3%	0.0%
Intentional self-harm (suicide)	49.2%	50.8%	0.0%
Legal intervention	100.0%	0.0%	0.0%
Malignant neoplasms	3.1%	96.9%	0.0%
Meningitis	0.0%	100.0%	0.0%
Meningococcal infection	0.0%	0.0%	0.0%
Nephritis, nephrotic syndrome and nephrosis	7.9%	92.1%	0.0%
Nutritional deficiencies	5.0%	95.0%	0.0%
Parkinson's disease	0.0%	100.0%	0.0%
Peptic ulcer	30.0%	70.0%	0.0%
Pneumoconioses and chemical effects	0.0%	100.0%	0.0%
Pneumonitis due to solids and liquids	2.2%	97.8%	0.0%
Pregnancy, childbirth and the puerperium	23.1%	76.9%	0.0%
Septicemia	9.1%	90.9%	0.0%
Tuberculosis	0.0%	100.0%	0.0%
Viral hepatitis	15.4%	84.6%	0.0%
Other causes not listed	26.0%	73.7%	0.3%

¹As a percentage of total deaths.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

**Table 36: Percentage¹ of Autopsies Performed
Among Detroit Residents for 2006
By Cause of Death**

Cause of Death²	Autopsied	Not Autopsied	Not Stated
All Causes	18.5%	81.3%	0.2%
Accidents (unintentional injuries)	83.7%	16.1%	0.3%
Acute bronchitis and bronchiolitis	50.0%	50.0%	0.0%
Alzheimer's disease	0.0%	100.0%	0.0%
Anemias	17.4%	82.6%	0.0%
Aortic aneurysm and dissection	35.0%	65.0%	0.0%
Assault (homicide)	100.0%	0.0%	0.0%
Atherosclerosis	0.0%	100.0%	0.0%
Cerebrovascular diseases (stroke)	5.5%	94.5%	0.0%
Certain conditions originating in the perinatal period	28.0%	72.0%	0.0%
Cholelithiasis and other disorders of gallbladder	0.0%	100.0%	0.0%
Chronic liver disease and cirrhosis	21.0%	79.0%	0.0%
Chronic lower respiratory disease	10.3%	89.3%	0.5%
Complication of medical and surgical care	20.0%	80.0%	0.0%
Congenital malformations, deformations and chromosomal abnormalities	32.4%	67.6%	0.0%
Diabetes mellitus	7.7%	91.5%	0.8%
Diseases of appendix	0.0%	0.0%	0.0%
Diseases of heart	13.5%	86.4%	0.1%
Essential (primary) hypertension and hypertensive renal disease	2.9%	97.1%	0.0%
Hernia	33.3%	66.7%	0.0%
Human Immunodeficiency virus (HIV) disease	5.6%	94.4%	0.0%
Hyperplasia of prostate	50.0%	50.0%	0.0%
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	13.6%	86.4%	0.0%
Infections of kidney	100.0%	0.0%	0.0%
Inflammatory diseases of female pelvic organs	0.0%	100.0%	0.0%
Influenza and pneumonia	12.2%	87.2%	0.6%
Intentional self-harm (suicide)	44.6%	55.4%	0.0%
Legal intervention	100.0%	0.0%	0.0%
Malignant neoplasms	2.9%	97.0%	0.1%
Meningitis	40.0%	60.0%	0.0%
Meningococcal infection	0.0%	0.0%	0.0%
Nephritis, nephrotic syndrome and nephrosis	5.4%	94.6%	0.0%
Nutritional deficiencies	14.3%	85.7%	0.0%
Parkinson's disease	0.0%	100.0%	0.0%
Peptic ulcer	11.1%	88.9%	0.0%
Pneumoconioses and chemical effects	0.0%	100.0%	0.0%
Pneumonitis due to solids and liquids	11.5%	88.5%	0.0%
Pregnancy, childbirth and the puerperium	2.2%	97.8%	0.0%
Septicemia	50.0%	50.0%	0.0%
Syphilis	7.7%	91.6%	0.6%
Tuberculosis	0.0%	100.0%	0.0%
Viral hepatitis	9.7%	90.3%	0.0%
Other causes not listed	23.3%	76.3%	0.4%

¹As a percentage of total deaths.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

Table 37: Cancer Death Rates¹ 2005
Detroit Residents
By Site - Both Sexes

Site²	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races³
All Sites	182.8	210.1	53.0	179.7
Malignant neoplasms of trachea, bronchus and lung	49.8	66.9	6.4	49.6
Malignant neoplasms of colon, rectum and anus	18.9	16.3	8.5	17.8
All other and unspecified malignant neoplasms	10.7	15.4	0.0	10.7
Malignant neoplasm of breast	17.8	20.6	0.0	17.3
Malignant neoplasm of prostate	12.5	7.7	4.2	11.5
Malignant neoplasms of pancreas	11.5	3.4	6.4	10.4
Malignant neoplasms of liver and intrahepatic bile ducts	6.4	6.9	8.5	6.6
Malignant neoplasms of stomach	5.8	6.9	6.4	6.0
Leukemia	3.7	4.3	0.0	3.6
Non-Hodgkin's lymphoma	4.0	6.0	2.1	4.1
Malignant neoplasms of esophagus	6.3	9.4	2.1	6.4
Multiple myeloma and immunoproliferative neoplasms	5.3	3.4	0.0	4.8
Malignant neoplasm of ovary	2.8	5.1	2.1	3.0
Malignant neoplasms of corpus uteri and uterus, part unspecified	5.2	5.1	2.1	4.9
Malignant neoplasms of kidney and renal pelvis	2.8	0.9	2.1	2.5
Malignant neoplasm of bladder	2.1	4.3	4.2	2.4
Malignant neoplasms of larynx	2.1	1.7	0.0	2.0
Malignant neoplasms of lip, oral cavity and pharynx	3.4	6.0	0.0	3.6
Malignant neoplasms of meninges, brain and other parts of central nervous system	1.3	6.9	2.1	2.0
Malignant neoplasm of cervix uteri	3.0	1.7	0.0	2.7
Hodgkin's disease	0.0	1.7	0.0	0.2
Malignant melanoma of skin	0.4	0.9	0.0	0.4
Mesothelioma	0.5	0.0	0.0	0.4
Lymphoid, hematopoietic and related tissues	14.3	15.4	6.4	14.0

¹Rate per 100,000 specified population as reported in the 2000 US Census.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

Table 37a: Cancer Death Rates¹ 2005
Detroit Residents
By Site and Sex - Male

Site ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
All Sites	192.9	210.7	50.7	187.1
Malignant neoplasms of trachea, bronchus and lung	57.0	78.6	11.7	57.1
Malignant neoplasms of colon, rectum and anus	19.0	13.4	0.0	17.2
All other and unspecified malignant neoplasms	12.0	18.4	0.0	12.0
Malignant neoplasm of breast	0.6	0.0	0.0	0.4
Malignant neoplasm of prostate	27.1	15.0	7.8	24.3
Malignant neoplasms of pancreas	14.8	5.0	11.7	13.4
Malignant neoplasms of liver and intrahepatic bile ducts	9.5	8.4	7.8	9.4
Malignant neoplasms of stomach	7.3	11.7	7.8	8.0
Leukemia	3.9	3.3	0.0	3.6
Non-Hodgkin's lymphoma	5.3	5.0	0.0	4.9
Malignant neoplasms of esophagus	5.0	15.0	0.0	6.0
Miltiple myeloma and immunoproliferative neoplasms	5.0	3.3	0.0	4.7
Malignant neoplasm of ovary	0.0	0.0	0.0	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified	0.0	0.0	0.0	0.0
Malignant neoplasms of kidney and renal pelvis	2.5	1.7	0.0	2.2
Malignant neoplasm of bladder	1.7	6.7	0.0	2.2
Malignant neoplasms of larynx	3.9	3.3	0.0	3.6
Malignant neoplasms of lip, oral cavity and pharynx	5.3	6.7	0.0	5.4
Malignant neoplasms of meninges, brain and other parts of certral nervous system	1.7	5.0	0.0	2.0
Malignant neoplasm of cervix uteri	0.0	0.0	0.0	0.0
Hodgkin's disease	0.0	1.7	0.0	0.2
Malignant melanoma of skin	0.3	1.7	0.0	0.4
Mesothelioma	1.1	0.0	0.0	0.9

¹Rate per 100,000 specified population as reported in the 2000 US Census.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

Table 37b: Cancer Death Rates¹ 2005

**Detroit Residents
By Site and Sex - Female**

Site ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
All Sites	174.1	209.5	55.7	173.0
Malignant neoplasms of trachea, bronchus and lung	43.5	54.6	0.0	42.9
Malignant neoplasms of colon, rectum and anus	18.9	19.4	4.6	18.3
All other and unspecified malignant neoplasms	9.6	12.3	0.0	9.5
Malignant neoplasm of breast	32.5	42.3	0.0	32.4
Malignant neoplasm of prostate	0.0	0.0	0.0	0.0
Malignant neoplasms of pancreas	8.6	1.8	0.0	7.8
Malignant neoplasms of liver and intrahepatic bile ducts	3.8	5.3	9.3	4.2
Malignant neoplasms of stomach	4.5	1.8	4.6	4.2
Leukemia	3.6	5.3	0.0	3.6
Non-Hodgkin's lymphoma	2.9	7.0	4.6	3.4
Malignant neoplasms of esophagus	2.2	1.8	0.0	2.0
Multiple myeloma and immunoproliferative neoplasms	5.5	3.5	0.0	5.0
Malignant neoplasm of ovary	5.3	10.6	4.6	5.8
Malignant neoplasms of corpus uteri and uterus, part unspecified	9.6	10.6	4.6	9.3
Malignant neoplasms of kidney and renal pelvis	3.1	0.0	4.6	2.8
Malignant neoplasm of bladder	2.4	1.8	9.3	2.6
Malignant neoplasms of larynx	0.5	0.0	0.0	0.4
Malignant neoplasms of lip, oral cavity and pharynx	1.7	5.3	0.0	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system	1.0	8.8	4.6	2.0
Malignant neoplasm of cervix uteri	5.5	3.5	0.0	5.2
Hodgkin's disease	0.2	0.0	0.0	0.2
Malignant melanoma of skin	0.5	0.0	0.0	0.4
Mesothelioma	0.0	0.0	0.0	0.0
Lymphoid, hematopoietic and related tissues	13.2	17.6	9.3	13.3

¹Rate per 100,000 specified population as reported in the 2000 US Census.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

Table 38: Cancer Death Rates¹ 2006
Detroit Residents
By Site - Both Sexes

Site ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
All Sites	194.9	200.7	57.2	188.0
Malignant neoplasms of trachea, bronchus and lung	56.3	65.2	14.8	54.8
Malignant neoplasms of colon, rectum and anus	20.1	18.0	10.6	19.2
All other and unspecified malignant neoplasms	10.1	13.7	6.4	10.5
Malignant neoplasm of breast	17.0	17.2	2.1	16.2
Malignant neoplasm of prostate	11.9	7.7	0.0	10.9
Malignant neoplasms of pancreas	13.1	10.3	0.0	12.1
Malignant neoplasms of liver and intrahepatic bile ducts	9.5	1.7	2.1	8.2
Malignant neoplasms of stomach	7.2	2.6	0.0	6.3
Leukemia	5.3	5.1	4.2	5.2
Non-Hodgkin's lymphoma	3.1	9.4	6.4	4.0
Malignant neoplasms of esophagus	3.1	6.0	2.1	3.5
Multiple myeloma and immunoproliferative neoplasms	5.3	1.7	0.0	4.6
Malignant neoplasm of ovary	3.7	6.9	0.0	3.9
Malignant neoplasms of corpus uteri and uterus, part	3.1	4.3	0.0	3.0
Malignant neoplasms of kidney and renal pelvis	3.5	4.3	0.0	3.4
Malignant neoplasm of bladder	3.5	3.4	2.1	3.4
Malignant neoplasms of larynx	1.4	0.9	0.0	1.4
Malignant neoplasms of lip, oral cavity and pharynx	4.3	1.7	0.0	3.7
Malignant neoplasms of meninges, brain and other parts of central nervous system	1.9	2.6	0.0	1.9
Malignant neoplasm of cervix uteri	2.2	2.6	2.1	2.2
Hodgkin's disease	0.5	0.0	0.0	0.4
Malignant melanoma of skin	0.3	2.6	0.0	0.5
Mesothelioma	0.3	0.0	0.0	0.2
Lymphoid, hematopoietic and related tissues	16.0	18.0	12.7	16.0

¹Rate per 100,000 specified population as reported in the 2000 US Census.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

**Table 38a: Cancer Death Rates¹ 2006 Detroit Residents
By Site and Sex - Male**

Site²	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races³
All Sites	202.7	168.9	70.2	190.3
Malignant neoplasms of trachea, bronchus and lung	64.0	53.5	23.4	59.6
Malignant neoplasms of colon, rectum and anus	21.0	13.4	11.7	19.4
All other and unspecified malignant neoplasms	10.3	13.4	7.8	10.5
Malignant neoplasm of breast	0.6	0.0	0.0	0.4
Malignant neoplasm of prostate	25.7	15.0	0.0	23.2
Malignant neoplasms of pancreas	12.0	6.7	0.0	10.7
Malignant neoplasms of liver and intrahepatic bile ducts	12.3	1.7	3.9	10.5
Malignant neoplasms of stomach	9.8	1.7	0.0	8.0
Leukemia	5.3	8.4	7.8	5.8
Non-Hodgkin's lymphoma	3.6	10.0	7.8	4.7
Malignant neoplasms of esophagus	4.5	10.0	0.0	5.1
Multiple myeloma and immunoproliferative neoplasms	4.8	3.3	0.0	4.5
Malignant neoplasm of ovary	0.0	0.0	0.0	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified	0.0	0.0	0.0	0.0
Malignant neoplasms of kidney and renal pelvis	4.5	5.0	0.0	4.2
Malignant neoplasm of bladder	3.6	5.0	0.0	3.6
Malignant neoplasms of larynx	2.2	1.7	0.0	2.2
Malignant neoplasms of lip, oral cavity and pharynx	5.9	1.7	0.0	4.9
Malignant neoplasms of meninges, brain and other parts of central nervous system	2.2	5.0	0.0	2.5
Malignant neoplasm of cervix uteri	0.0	0.0	0.0	0.0
Hodgkin's disease	0.8	0.0	0.0	0.7
Malignant melanoma of skin	0.3	3.3	0.0	0.7
Mesothelioma	0.0	0.0	0.0	0.0
Lymphoid, hematopoietic and related tissues	16.8	21.7	19.5	17.6

¹Rate per 100,000 specified population as reported in the 2000 US Census.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

Table 38b: Cancer Death Rates¹ 2006
Detroit Residents
By Site and Sex - Female

Site ²	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
All Sites	188.2	234.2	41.8	185.9
Malignant neoplasms of trachea, bronchus and lung	49.7	77.5	4.6	50.5
Malignant neoplasms of colon, rectum and anus	19.4	22.9	9.3	19.1
All other and unspecified malignant neoplasms	9.8	14.1	4.6	10.5
Malignant neoplasm of breast	31.1	35.2	4.6	30.2
Malignant neoplasm of prostate	0.0	0.0	0.0	0.0
Malignant neoplasms of pancreas	14.1	14.1	0.0	13.3
Malignant neoplasms of liver and intrahepatic bile ducts	7.2	1.8	0.0	6.2
Malignant neoplasms of stomach	5.0	3.5	0.0	4.8
Leukemia	5.3	1.8	0.0	4.6
Non-Hodgkin's lymphoma	2.6	8.8	4.6	3.4
Malignant neoplasms of esophagus	1.9	1.8	4.6	2.0
Multiple myeloma and immunoproliferative neoplasms	5.7	0.0	0.0	4.8
Malignant neoplasm of ovary	6.9	14.1	0.0	7.4
Malignant neoplasms of corpus uteri and uterus, part unspecified	5.7	8.8	0.0	5.8
Malignant neoplasms of kidney and renal pelvis	2.6	3.5	0.0	2.6
Malignant neoplasm of bladder	3.3	1.8	4.6	3.2
Malignant neoplasms of larynx	0.7	0.0	0.0	0.6
Malignant neoplasms of lip, oral cavity and pharynx	2.9	1.8	0.0	2.6
Malignant neoplasms of meninges, brain and other parts of central nervous system	1.7	0.0	0.0	1.4
Malignant neoplasm of cervix uteri	4.1	5.3	4.6	4.2
Hodgkin's disease	0.2	0.0	0.0	0.2
Malignant melanoma of skin	0.2	1.8	0.0	0.4
Mesothelioma	0.5	0.0	0.0	0.4
Lymphoid, hematopoietic and related tissues	15.3	14.1	4.6	14.5

¹Rate per 100,000 specified population as reported in the 2000 US Census.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

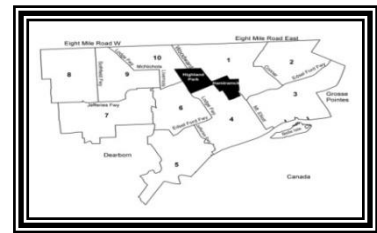


Table 39: Neonatal Deaths¹
Among Detroit Residents for 2005
By Cluster, Sex, Race, and Hispanic Origin

2005	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ³		All Races ²
Area	Male	Female	Male	Female	Male	Female	Male	Female	
Citywide ^{4,6}	69	74	1	6	4	3	1	2	160
Cluster 1	2	4	0	2	0	0	0	1	9
Cluster 2	14	17	0	0	0	0	0	0	31
Cluster 3	12	15	0	0	0	0	0	0	27
Cluster 4	2	1	0	0	1	0	0	1	5
Cluster 5	0	1	0	1	3	3	1	0	9
Cluster 6	10	6	0	1	0	0	0	0	17
Cluster 7	12	6	1	2	0	0	0	0	21
Cluster 8	6	6	0	0	0	0	0	0	12
Cluster 9	4	5	0	0	0	0	0	0	9
Cluster 10	3	8	0	0	0	0	0	0	11
Unclassifiable ⁵	4	5	0	0	0	0	0	0	9

Table 39a: Neonatal Deaths¹
Among Detroit Residents for 2006
By Cluster, Sex, Race, and Hispanic Origin

2006	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ³		All Races ²
Area	Male	Female	Male	Female	Male	Female	Male	Female	
Citywide ⁴	56	53	2	1	3	2	4	0	121
Cluster 1	3	7	1	1	0	0	0	0	12
Cluster 2	8	7	0	0	0	0	3	0	18
Cluster 3	3	3	0	0	0	0	0	0	6
Cluster 4	7	3	0	0	0	0	0	0	10
Cluster 5	1	1	0	0	3	2	1	0	8
Cluster 6	10	9	0	0	0	0	0	0	19
Cluster 7	6	6	1	0	0	0	0	0	13
Cluster 8	6	5	0	0	0	0	0	0	11
Cluster 9	5	9	0	0	0	0	0	0	14
Cluster 10	5	2	0	0	0	0	0	0	7
Unclassifiable ⁵	2	1	0	0	0	0	0	0	3

¹ A neonatal death is the death of a child (who was born alive) before they reach 28 days of age

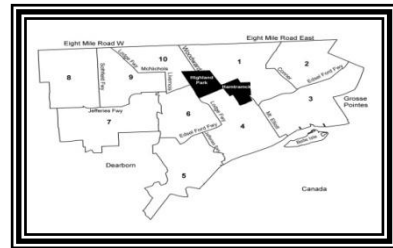
² The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

³ "Other" includes persons of all race/ethnicity excluding those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

⁴ Citywide includes persons from all clusters and those persons where a cluster could not be established

⁵ Unclassifiable include persons where cluster could not be established

⁶ There was individual that could be classified due to gender being unknown or missing



**Table 40: Post-neonatal Deaths¹
Among Detroit Residents for 2005
By Cluster, Sex, Race, and Hispanic Origin**

2005	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ³		All Races ²
Area	Male	Female	Male	Female	Male	Female	Male	Female	
Citywide ⁴	24	20	2	1	0	1	1	0	49
Cluster 1	5	3	0	0	0	0	1	0	9
Cluster 2	3	4	0	0	0	0	0	0	7
Cluster 3	1	1	0	0	0	0	0	0	2
Cluster 4	0	2	0	1	0	0	0	0	3
Cluster 5	0	0	1	0	0	1	0	0	2
Cluster 6	4	2	0	0	0	0	0	0	6
Cluster 7	4	4	1	0	0	0	0	0	9
Cluster 8	3	1	0	0	0	0	0	0	4
Cluster 9	2	1	0	0	0	0	0	0	3
Cluster 10	1	2	0	0	0	0	0	0	3
Unclassifiable ⁵	1	0	0	0	0	0	0	0	1

**Table 40a: Postneonatal Deaths¹
Among Detroit Residents for 2006
By Cluster, Sex, Race, and Hispanic Origin**

2006	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ³		All Races ²
Area	Male	Female	Male	Female	Male	Female	Male	Female	
Citywide ⁴	21	23	3	2	4	1	0	0	54
Cluster 1	4	3	0	0	0	0	0	0	7
Cluster 2	1	7	0	0	0	0	0	0	8
Cluster 3	5	2	0	0	0	0	0	0	7
Cluster 4	3	0	0	0	0	0	0	0	3
Cluster 5	0	0	2	1	4	1	0	0	8
Cluster 6	2	1	0	0	0	0	0	0	3
Cluster 7	2	2	0	0	0	0	0	0	4
Cluster 8	1	4	1	1	0	0	0	0	7
Cluster 9	2	2	0	0	0	0	0	0	4
Cluster 10	0	2	0	0	0	0	0	0	2
Unclassifiable ⁵	1	0	0	0	0	0	0	0	1

¹A postneonatal death is the death of a child (who was born alive) between the 28th and 365th day of life

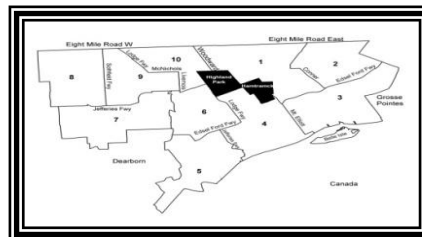
²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³"Other" includes persons of all race/ethnicity excluding those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

⁴Citywide includes persons from all clusters and those persons where a cluster could not be established

⁵Unclassifiable include persons where cluster could not be established

**Table 41: Neonatal Mortality Rates^{1,2}
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**



2005				
Area	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
Citywide ⁴	13.6	8.4	5.1	12.2
Cluster 1	5.6	14.2	0.0	6.9
Cluster 2	19.2	0.0	0.0	18.4
Cluster 3	21.2	0.0	0.0	20.1
Cluster 4	4.5	0.0	83.3	6.5
Cluster 5	3.7	3.0	4.9	4.8
Cluster 6	13.7	90.9	0.0	14.0
Cluster 7	14.2	14.4	0.0	13.6
Cluster 8	11.1	0.0	0.0	10.3
Cluster 9	7.8	0.0	0.0	7.6
Cluster 10	18.4	0.0	0.0	17.7
Unclassifiable ⁵	23.0	19.2	0.0	19.9

**Table 41a: Neonatal Mortality Rates^{1,2}
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006				
Area	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
Citywide ⁴	10.5	3.3	3.5	9.3
Cluster 1	10.0	13.9	0.0	9.8
Cluster 2	9.7	0.0	0.0	11.2
Cluster 3	4.9	0.0	0.0	4.7
Cluster 4	16.1	0.0	0.0	14.2
Cluster 5	7.8	0.0	4.0	4.4
Cluster 6	17.8	0.0	0.0	17.4
Cluster 7	9.3	5.2	0.0	8.3
Cluster 8	10.6	0.0	0.0	10.0
Cluster 9	13.0	0.0	0.0	12.6
Cluster 10	12.6	0.0	0.0	12.1
Unclassifiable ⁵	4.0	0.0	0.0	3.2

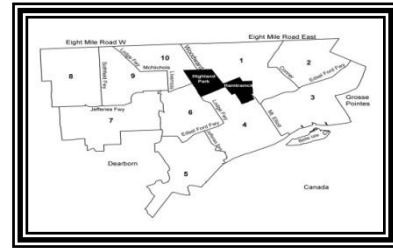
¹ A neonatal death is the death of a child (who was born alive) before they reach 28 days of age

² Rate per 1,000 live births

³ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic origin.

⁴ Citywide includes persons from all clusters and those persons where a cluster could not be established

⁵ Unclassifiable include persons where cluster could not be established



**Table 42: Post-neonatal Mortality Rates^{1, 2}
Among Detroit Residents for 2005
By Cluster, Race, and Hispanic Origin**

2005	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
Area				
Citywide ⁴	4.2	3.2	0.7	3.7
Cluster 1	7.4	0.0	0.0	6.9
Cluster 2	4.3	0.0	0.0	4.1
Cluster 3	1.6	0.0	0.0	1.5
Cluster 4	3.0	19.6	0.0	3.9
Cluster 5	0.0	3.0	0.8	1.1
Cluster 6	5.1	0.0	0.0	5.0
Cluster 7	6.3	4.8	0.0	5.8
Cluster 8	3.7	0.0	0.0	3.4
Cluster 9	2.6	0.0	0.0	2.5
Cluster 10	5.0	0.0	0.0	4.8
Unclassifiable ⁵	2.6	0.0	0.0	2.0

**Table 42a: Post-neonatal Mortality Rates^{1, 2}
Among Detroit Residents for 2006
By Cluster, Race, and Hispanic Origin**

2006	Black Non-Hispanic	White Non-Hispanic	Hispanic	All Races ³
Area				
Citywide ⁴	4.2	5.5	3.5	4.1
Cluster 1	7.0	0.0	0.0	5.7
Cluster 2	5.2	0.0	0.0	5.0
Cluster 3	5.7	0.0	0.0	5.5
Cluster 4	4.8	0.0	0.0	4.2
Cluster 5	0.0	10.9	4.0	4.4
Cluster 6	2.8	0.0	0.0	2.7
Cluster 7	3.1	0.0	0.0	2.6
Cluster 8	4.8	40.0	0.0	6.3
Cluster 9	3.7	0.0	0.0	3.6
Cluster 10	3.6	0.0	0.0	3.5
Unclassifiable ⁵	1.3	0.0	0.0	1.1

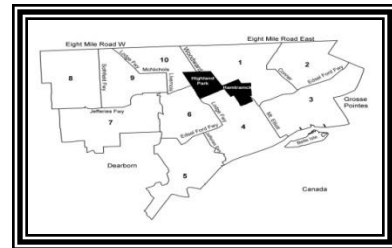
¹A postneonatal death is the death of a child (who was born alive) between the 28th and 365th day of life

²Rate per 1,000 live births

³The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

⁴Citywide includes persons from all clusters and those persons where a cluster could not be established

⁵Unclassifiable include persons where cluster could not be established



**Table 43: Neonatal Deaths¹
Among Detroit Residents for 2005
By Cause and Cluster**

2005	Cluster Area											Citywide ³
Cause of Death ²	1	2	3	4	5	6	7	8	9	10	11 ⁴	
All Causes	9	31	27	5	9	17	21	12	9	11	10	161
Complications of Placenta, Cord, & Membrane	1	1	1	0	0	1	0	0	0	1	1	6
Congenital Malformation	1	4	5	1	2	3	5	0	2	0	2	25
Diseases of circulatory System	0	0	2	0	0	0	0	0	0	0	0	2
Intrauterine Hypoxia and Birth Asphyxia	1	0	0	0	1	2	0	0	0	0	0	4
Maternal Complications	2	2	4	0	1	0	0	2	0	0	1	12
Necrotizing Enterocolitis of newborn	0	3	2	0	0	0	0	1	0	0	0	6
Respiratory Distress Syndrome	0	1	1	1	0	2	2	0	0	2	0	9
Short Gestation/Low Birth Weight	2	17	11	1	4	5	9	1	5	6	5	66
SIDS	0	0	0	0	0	0	0	0	0	0	0	0
Accident	0	0	0	0	0	0	0	0	0	0	0	0
Homicide	0	0	0	0	0	0	0	0	0	0	0	0

**Table 43a: Neonatal Deaths¹
Among Detroit Residents for 2006
By Cause and Cluster**

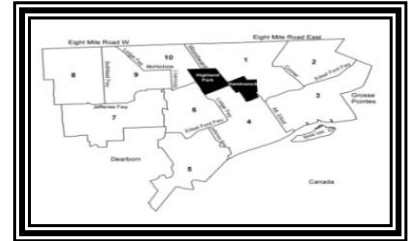
2006	Cluster Area											Citywide ³
Cause of Death ²	1	2	3	4	5	6	7	8	9	10	11 ⁴	
All Causes	12	18	6	10	8	19	13	11	14	7	3	121
Congenital Malformation	2	3	1	1	1	1	2	1	2	1	0	15
Intrauterine Hypoxia and Birth Asphyxia	0	0	0	0	0	0	0	1	0	0	0	1
Maternal Complications	1	3	1	3	0	4	2	1	1	0	0	16
Respiratory Distress Syndrome	0	1	1	0	0	0	0	1	2	1	0	6
Short Gestation/Low Birth Weight	6	5	2	4	4	10	4	4	5	4	3	51
SIDS	0	1	0	0	0	1	0	0	0	0	0	2
Pulmonary Hemorrhage Originating in Perinatal Period	0	0	0	0	0	0	0	0	0	0	0	0
Bacterial Sepsis of newborn	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal Hemorrhage	0	0	0	0	0	0	1	0	0	0	0	1
Accident	0	0	0	0	0	1	0	0	1	0	0	2

¹ A neonatal death is the death of a child (who was born alive) before they reach 28 days of age

² ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5

³ Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴ 11 = Cluster for unclassifiable addresses



**Table 44: Post-neonatal Deaths¹
Among Detroit Residents for 2005
By Cause and Cluster**

2005	Cluster Area											Citywide ³
Cause of Death ²	1	2	3	4	5	6	7	8	9	10	11 ⁴	
All Causes	9	7	2	3	2	6	9	4	3	3	1	49
Complications of Placenta, Cord, & Membrane	0	0	0	0	0	0	0	0	0	0	0	0
Congenital Malformation	0	2	1	0	0	0	1	0	0	1	0	5
Diseases of circulatory System	1	0	0	0	0	0	0	0	0	0	0	1
Intrauterine Hypoxia and Birth Asphyxia	0	0	0	0	0	0	0	0	1	0	0	1
Maternal Complications	0	0	0	0	0	0	0	0	0	0	0	0
Necrotizing Enterocolitis of newborn	1	0	0	1	0	0	0	0	0	0	0	2
Respiratory Distress Syndrome	0	0	1	1	0	0	0	1	0	0	0	3
Short Gestation/Low Birth Weight	0	0	0	0	0	0	0	0	0	0	0	0
SIDS	2	2	0	0	0	2	0	1	0	0	0	7
Accident	1	0	0	0	0	0	2	1	0	0	0	4
Homicide	1	1	0	0	0	0	0	0	1	0	0	3

**Table 44a: Post-neonatal Deaths¹
Among Detroit Residents for 2006
By Cause and Cluster**

2006	Cluster Area											Citywide ³
Cause of Death ²	1	2	3	4	5	6	7	8	9	10	11 ⁴	
All Causes	7	8	7	3	8	3	4	7	4	2	1	54
Congenital Malformation	1	2	1	0	2	1	1	1	0	0	0	9
Intrauterine Hypoxia and Birth Asphyxia	0	0	0	0	0	0	0	0	0	0	0	0
Maternal Complications	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory Distress Syndrome	0	0	0	0	0	0	0	0	0	0	0	0
Short Gestation/Low Birth Weight	0	0	0	0	0	1	0	1	0	0	0	2
SIDS	2	0	1	0	1	0	1	1	2	0	0	8
Accident	3	3	1	0	4	0	1	1	1	0	0	14
Pulmonary Hemorrhage Originating in Perinatal Period	0	0	0	0	0	0	0	0	0	0	0	0
Bacterial Sepsis of Newborn	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal Hemorrhage	0	0	0	0	0	0	0	0	0	0	0	0

¹A postneonatal death is the death of a child (who was born alive) between the 28th and 365th day of life

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5

³Citywide includes persons from all clusters and those persons where a cluster could not be established

⁴11 = Cluster for unclassifiable addresses

**Table 45: Infant Deaths and Mortality Rates
Among Detroit Residents for 2005
By Cause, Race, and Hispanic Origin**

2005	All Races ¹	Black Non-Hispanic	White Non-Hispanic	Hispanic		Other ⁴			
Cause of Death ²	Number	Number	Rate ³	Number	Rate ³	Number	Rate ³	Number	Rate ³
All Causes	210	187	17.7	11	11.6	8	6.4	4	9.1
Complications of Placenta, Cord & Membrane	5	5	0.5	0	0	0	0	0	0
Congenital Malformation	30	24	2.3	3	3.2	1	0.8	2	4.6
Diseases of Circulatory System	3	3	0.3	0	0	0	0	0	0
Intrauterine Hypoxia & Birth Asphyxia	5	4	0.4	1	1.1	0	0	0	0
Maternal Complications	12	11	1	0	0	1	0.8	0	0
Necrotizing Enterocolitis of Newborn	8	7	0.7	1	1.1	0	0	0	0
Respiratory Distress Syndrome	12	12	1.1	0	0	0	0	0	0
Short Gestation/Low Birth Weight	66	58	5.5	4	4.2	4	3.2	0	0
SIDS	7	7	0.7	0	0	0	0	0	0
Accident	4	3	0.3	1	1.1	0	0	0	0
Homicide	3	3	0.3	0	0	0	0	0	0

**Table 45a: Infant Deaths and Mortality Rates
Among Detroit Residents for 2006
By Cause, Race, and Hispanic Origin**

2006	All Races ¹	Black Non-Hispanic		White Non-Hispanic		Hispanic		Other ⁴	
Cause of Death ²	Number	Number	Rate ³	Number	Rate ³	Number	Rate ³	Number	Rate ³
All Causes	175	153	14.7	8	11.6	10	7.8	4	10
Short Gestation/Low Birth Weight	53	50	4.8	0	0	3	2.3	0	0
Congenital Malformation	24	21	2	0	3.2	2	1.6	1	2.5
SIDS	10	9	0.9	0	0	1	0.8	0	0
Maternal Complications	16	12	1.2	1	0	0	0	3	7.5
Accident	16	12	1.2	2	2.2	2	1.6	0	0
Respiratory Distress Syndrome	6	6	0.6	0	0	0	0	0	0
Pulmonary Hemorrhage Originating in Perinatal Period	0	0	0	0	0	0	0	0	0
Bacterial Sepsis of Newborn	0	0	0	0	0	0	0	0	0
Intrauterine Hypoxia & Birth Asphyxia	1	1	0.1	0	1.1	0	0	0	0
Neonatal Hemorrhage	1	1	0.1	0	0	0	0	0	0

¹ The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

² ICD-10 codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5

³ Rate per 1,000 specified population

⁴ "Other" includes those that are not Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin

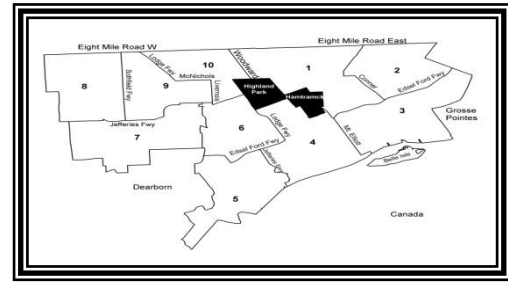


Table 46: Drug Induced Deaths¹
Detroit Residents and Occurring in Detroit for 2005
By Cluster, Sex, Race and Hispanic Origin

2005	White Non-Hispanic		Black Non-Hispanic		Hispanic		All Races ²		
Area	Male	Female	Male	Female	Male	Female	Male	Female	Total
Cluster 1	0	0	9	5	0	0	9	5	14
Cluster 2	2	2	11	6	0	0	13	8	21
Cluster 3	1	2	7	5	0	0	8	7	15
Cluster 4	2	2	4	9	0	0	6	11	17
Cluster 5	10	6	4	2	6	1	20	9	29
Cluster 6	1	0	12	9	0	0	13	9	22
Cluster 7	1	0	6	7	1	0	8	8	16
Cluster 8	3	0	5	2	0	0	8	2	10
Cluster 9	0	0	8	2	0	0	8	2	10
Cluster 10	0	0	4	2	0	0	4	2	6
Unclassifiable ³	2	1	2	2	0	0	4	3	7
Occurring in Detroit ⁴	30	18	76	52	7	1	113	72	185

Table 46a: Drug Induced Deaths¹
Detroit Residents and Occurring in Detroit for 2006
By Cluster, Sex, Race and Hispanic Origin

2006	White Non-Hispanic		Black Non-Hispanic		Hispanic		All Races ²		
Area	Male	Female	Male	Female	Male	Female	Male	Female	Total
Cluster 1	2	1	6	5	0	0	8	6	14
Cluster 2	2	2	11	2	0	0	13	4	17
Cluster 3	1	1	14	5	0	1	15	7	22
Cluster 4	2	2	9	2	0	0	12	4	16
Cluster 5	8	4	8	2	2	0	19	7	26
Cluster 6	0	0	14	13	0	0	15	13	28
Cluster 7	5	1	8	4	0	0	13	5	18
Cluster 8	1	3	5	1	0	1	6	5	11
Cluster 9	0	0	17	7	0	0	17	7	24
Cluster 10	0	1	6	3	0	0	6	4	10
Unclassifiable ³	0	2	3	1	0	0	3	3	6
Occurring in Detroit ⁴	58	38	106	49	3	3	170	91	261

¹ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³Unclassifiable includes persons where cluster could not be established.

⁴Includes all deaths which occurred in Detroit regardless of decedents residence.

Table 47: Drug Induced Deaths¹ and Death Rates
Among Detroit Residents for 2005
By Age-Group, Sex, Race and Hispanic Origin

2005	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ²			
Age Group	Male	Female	Male	Female	Male	Female	Male	Female	Total	Rate ³
All Ages ⁴	70	51	21	13	7	1	98	65	163	17.1
Under 5	0	0	0	0	0	0	0	0	0	0.0
5-14	0	0	0	0	0	0	0	0	0	0.0
15-24	1	1	0	0	1	0	2	1	3	2.2
25-34	7	4	2	3	1	0	10	7	17	11.8
35-44	10	13	6	3	1	0	17	16	33	24.1
45-54	40	30	11	5	4	1	55	36	91	78.5
55-64	10	3	2	0	0	0	12	3	15	22.3
65 & Over	2	0	0	2	0	0	2	2	4	4.0

Table 47a: Drug Induced Deaths¹ and Death Rates
Among Detroit Residents for 2006
By Age Group, Sex, Race, and Hispanic Origin

2006	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ²			
Age Group	Male	Female	Male	Female	Male	Female	Male	Female	Total	Rate ³
All Ages ⁴	92	40	21	17	2	2	115	59	174	18.3
Under 5	0	1	0	0	0	0	0	0	0	0.0
5-14	0	0	0	0	0	0	0	0	0	0.0
15-24	0	1	0	1	0	1	0	3	3	2.2
25-34	5	2	3	1	0	0	8	3	11	7.6
35-44	19	9	8	3	1	1	28	13	41	30.0
45-54	53	24	7	9	1	0	61	33	94	81.1
55-64	11	3	0	1	0	0	11	4	15	22.3
65 & Over	4	0	3	2	0	0	7	2	9	9.1

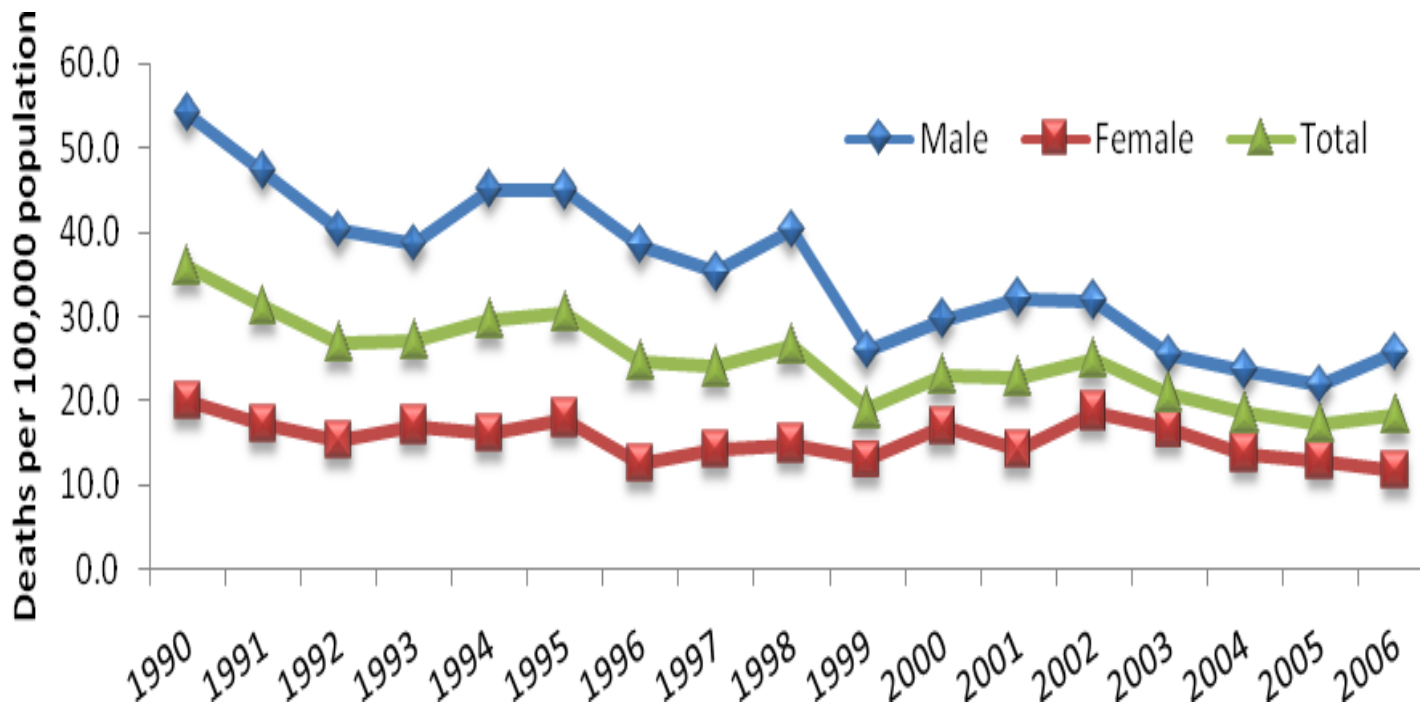
¹ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug Induced Deaths are in Appendix 5.

²The category "All Races" includes persons of all race/ethnicity, including those that are Black Non-Hispanic, White Non-Hispanic, or Hispanic in origin.

³Rate per 100,000 are in specified population.

⁴All Ages includes those where the age is not stated.

Chart 46: Rates of Drug Induced Deaths
Among Detroit Residents for 1990-2006
By Sex



**Table 48: Deaths Due to Unnatural Causes
Occurring in Detroit for 2005
By Cause, Sex, Race, and Hispanic Origin**

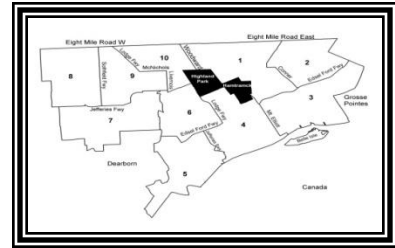
2005	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹		
Cause of Death ²	Male	Female	Male	Female	Male	Female	Male	Female	Total
Total	493	134	63	32	30	4	591	171	762
Accidents	175	85	38	21	12	1	226	107	333
Drowning	5	0	1	0	0	0	6	0	6
Falls	15	8	2	7	3	0	20	15	35
Fire	11	10	5	3	0	0	16	13	29
Firearms	2	1	0	0	0	0	2	1	3
Poisoning by psychoactive drug	41	31	10	6	3	0	54	37	91
Poisoning (excl. Psychoactive drugs)	4	0	1	0	0	0	5	0	5
Motor vehicle accident	76	23	13	2	5	1	96	26	122
All other unspecified accidents	23	13	6	3	0	0	29	16	45
Suicides	33	6	13	5	5	2	52	13	65
Homicides	269	34	10	5	13	1	293	41	334
Assault by Firearms	236	19	7	3	11	0	255	22	277
Legal intervention	0	0	0	0	0	0	1	0	1
Undetermined Intent	11	2	1	0	0	0	13	2	15
Complication of Medical and Surgical Care	5	7	1	1	0	0	6	8	14

**Table 48a: Deaths Due to Unnatural Causes
Occurring in Detroit for 2006
By Cause, Sex, Race, and Hispanic Origin**

2006	Black Non-Hispanic		White Non-Hispanic		Hispanic		All Races ¹		
Cause of Death ²	Male	Female	Male	Female	Male	Female	Male	Female	Total
Total	556	135	61	30	22	4	646	172	818
Accidents	209	68	35	22	11	4	260	95	355
Drowning	7	0	0	0	1	0	9	0	9
Falls	19	4	4	3	2	0	26	7	33
Fire	12	3	2	2	0	0	14	5	19
Firearms	3	0	0	0	0	0	3	0	3
Poisoning by psychoactive drug	65	31	15	12	1	2	84	46	130
Poisoning (excl. Psychoactive drugs)	3	1	1	0	0	0	4	1	5
Motor vehicle accident	74	15	6	3	2	2	82	20	102
All other unspecified accidents	29	14	7	2	5	0	41	16	57
Suicides	47	3	11	2	1	0	60	5	65
Homicides	283	53	13	4	9	0	306	58	364
Assault by Firearms	247	34	6	1	11	0	265	35	300
Legal intervention	3	0	0	0	0	0	3	0	3
Undetermined Intent	7	4	1	2	1	0	9	7	16
Complication of Medical and Surgical Care	7	7	1	0	0	0	8	7	15

¹All Races includes persons of race/ethnicity other than Black Non-Hispanic, White Non-Hispanic, or Hispanic Origin.

²ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.



**Table 49: Deaths Due to Unnatural Causes
Among Detroit Residents for 2005
By Cause and Cluster**

2005	Cluster Area											City Wide ³
Cause of Death ¹	1	2	3	4	5	6	7	8	9	10	11 ²	
Total	76	88	71	56	83	89	83	74	81	31	30	762
Accidents	32	38	26	31	39	37	35	36	36	14	9	333
Drowning	0	1	3	0	0	1	1	0	0	0	0	6
Falls	5	1	2	2	7	5	3	4	3	3	0	35
Fire	4	1	0	0	2	1	2	8	4	4	3	29
Firearms	1	1	0	1	0	0	0	0	0	0	0	3
Poisoning by psychoactive drug	11	12	4	13	14	10	8	5	7	3	4	91
Poisoning (exlc. Psychoactive drugs)	0	1	0	1	0	0	1	0	2	0	0	5
Motor vehicle accident	9	14	14	9	14	13	12	15	18	2	2	122
All other unspecified accidents	3	8	3	6	2	7	8	4	2	2	0	45
Suicides	3	10	5	6	15	3	4	5	5	2	7	65
Homicides	37	40	34	17	26	45	40	31	38	14	12	334
Assault by Firearms	29	31	30	13	20	38	35	27	34	10	10	277
Legal intervention	0	0	0	0	0	0	0	1	0	0	0	1
Undetermined Intent	3	0	2	0	3	1	2	1	1	0	2	15
Complication of Medical and Surgical Care	1	0	4	2	0	3	2	0	1	1	0	14

**Table 49a: Deaths Due to Unnatural Causes
Among Detroit Residents for 2006
By Cause and Cluster**

2006	Cluster Area											City Wide ³
Cause of Death	1	2	3	4	5	6	7	8	9	10	11 ²	
Total	76	111	87	55	81	80	88	66	87	56	31	818
Accidents	39	46	39	23	43	43	32	22	36	19	13	355
Drowning	0	2	2	1	1	0	0	1	1	1	0	9
Falls	6	5	3	2	3	5	4	1	2	2	0	33
Fire	4	0	6	3	0	1	2	1	0	2	0	19
Firearms	0	1	0	0	0	0	1	0	1	0	0	3
Poisoning by psychoactive drug	8	12	16	9	19	22	12	4	16	7	5	130
Poisoning (exlc. Psychoactive drugs)	0	0	1	1	0	0	1	0	2	0	0	5
Motor vehicle accident	13	17	8	4	9	10	8	13	8	6	6	102
All other unspecified accidents	8	10	3	3	11	5	5	2	7	1	2	57
Suicides	6	10	5	6	7	2	7	6	9	4	3	65
Homicides	30	54	37	21	29	28	47	35	38	31	14	364
Assault by Firearms	26	47	28	13	22	26	40	30	31	27	10	300
Legal intervention	1	1	0	0	0	0	0	0	1	0	0	3
Undetermined Intent	0	0	4	3	1	2	1	2	2	1	0	16
Complication of Medical and Surgical Care	0	0	2	2	1	5	1	1	1	1	1	15

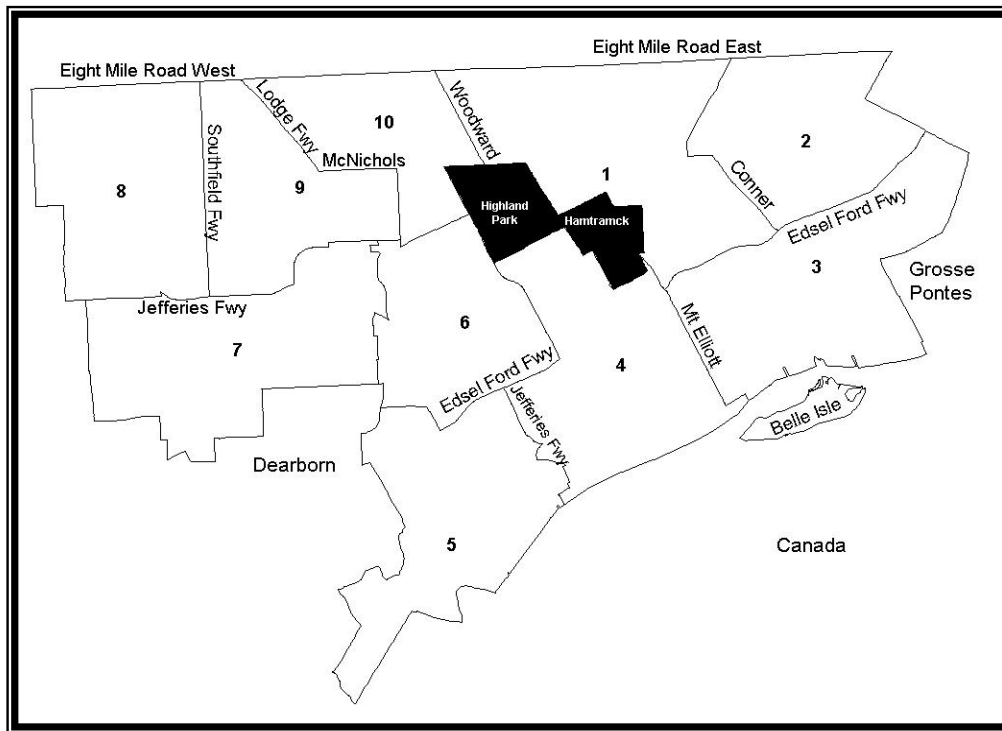
¹ICD-10 Codes for Cause of Death, Accidents, Suicides, Homicides, Site of Cancer, Drug and Drug Related Deaths are in Appendix 5.

²11 - includes persons where cluster could not be established.

³ Citywide includes persons from all clusters and those persons where a cluster could not be established

Appendix 1: HEALTH PROFILES

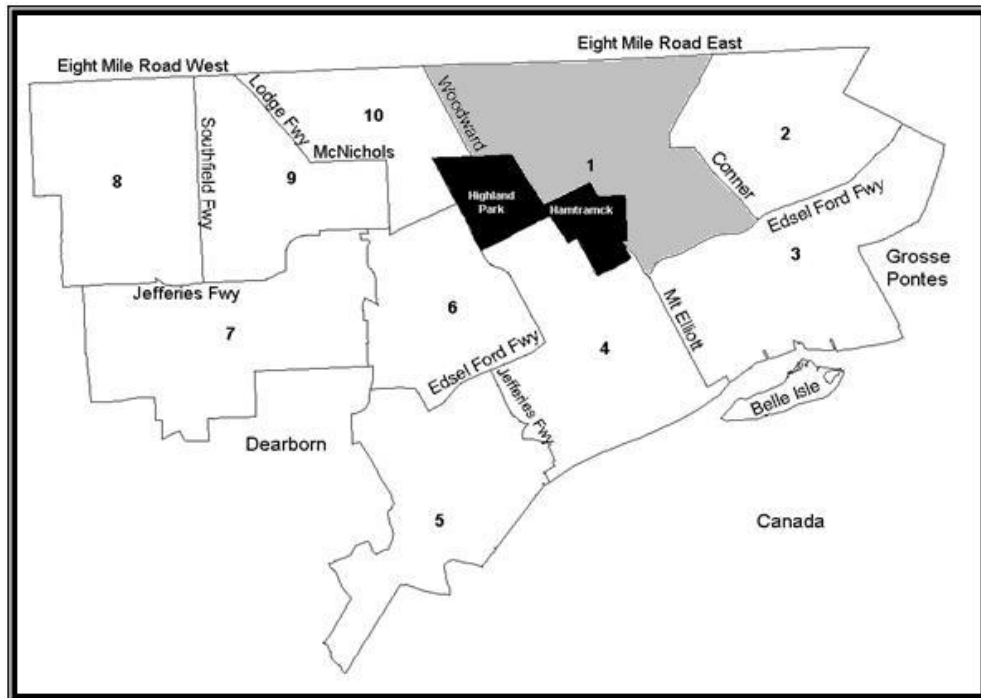
City Wide Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	924,253				
Births	13,189	14.3			
Single Named Parent Births	6,030	45.7%	Accident, Suicide & Homicide Deaths		
Estimated Fertility Rate		60.5			
Infant Deaths	210	15.9	All accidents	<u>Cases</u>	<u>Rates¹</u>
Deaths	8,625	933.2	Motor Vehicle Accident	333	36.0
Major Cardiovascular Disease	3,497	378.4	Poisoning by Psychoactive Drug	122	13.2
Cerebrovascular Disease	423	45.8	Poisoning (excl. Psychoactive Drugs)	91	9.8
Heart Disease	2,856	309.0	Falls	5	0.5
Cancer	1,709	184.9	Fire	35	3.8
Trachea/Bronchus/Lung	472	51.1	Drowning	29	3.1
Tuberculosis	7	0.8	Firearms	6	0.6
Diabetes Mellitus	232	25.1	All other	3	0.3
Influenza & Pneumonia	158	17.1	Suicides	45	4.9
Chronic Liver DX. & Cirrhosis	113	12.2	Homicides & Legal Interventions	65	7.0
AIDS	108	11.7	Undetermined Intent	349	37.8
				15	1.6

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

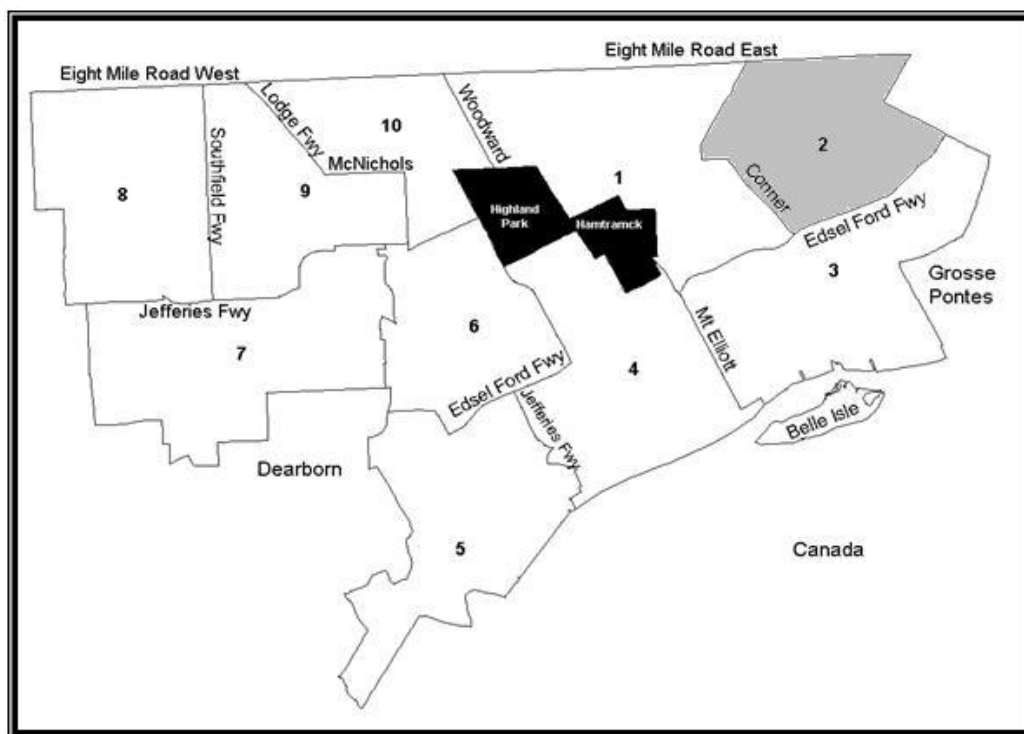
Cluster Area 1 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	95,660				
Births	1,303	13.6	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	628	48.2%			
Estimated Fertility Rate		60.4	All accidents	32	33.5
Infant Deaths	18	13.8	Motor Vehicle Accident	9	9.4
Deaths	819	856.2	Poisoning by Psychoactive Drug	11	11.5
Major Cardiovascular Disease	341	356.5	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	40	41.8	Falls	5	5.2
Heart Disease	265	277.0	Fire	4	4.2
Cancer	146	152.6	Drowning	0	0.0
Trachea/Bronchus/Lung	46	48.1	Firearms	1	1.0
Tuberculosis	0	0.0	All other	3	3.1
Diabetes Mellitus	26	27.2	Suicides	3	3.1
Influenza & Pneumonia	13	13.6	Homicides & Legal Interventions	37	38.7
Chronic Liver DX. & Cirrhosis	12	12.5	Undetermined Intent	3	3.1
AIDS	7	7.3			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

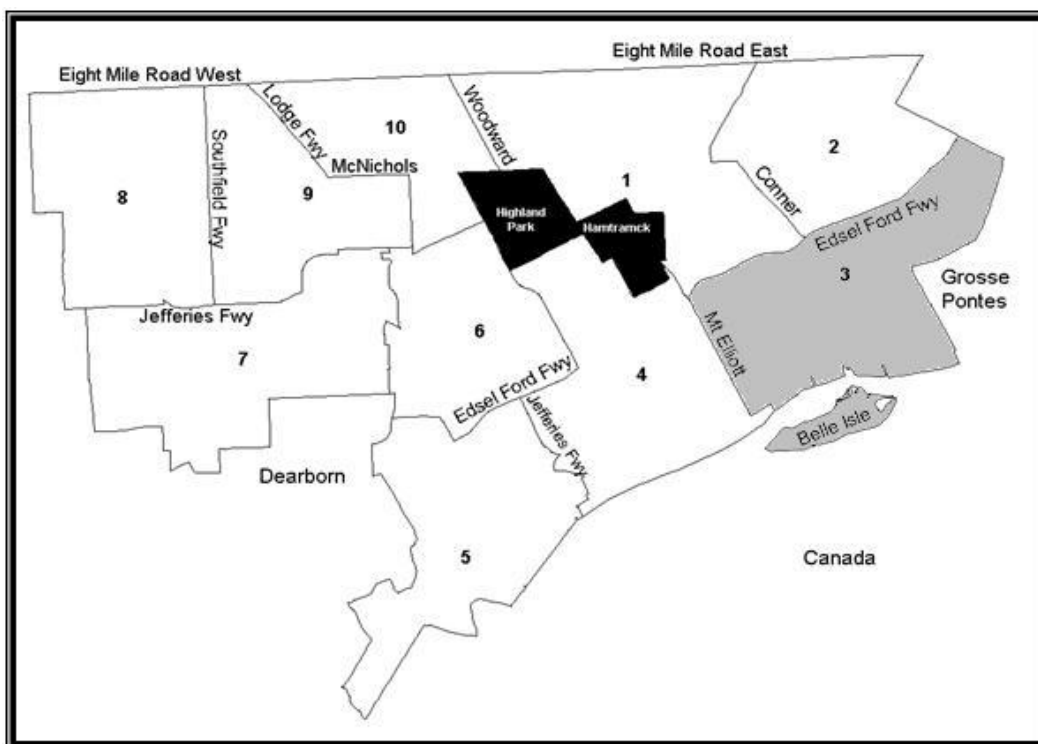
Cluster Area 2 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	113,406		Accident, Suicide & Homicide Deaths		
Births	1,689	14.9			
Single Named Parent Births	927	54.9%			
Estimated Fertility Rate		57.0	All accidents	38	33.5
Infant Deaths	38	22.5	Motor Vehicle Accident	14	12.3
Deaths	739	651.6	Poisoning by Psychoactive Drug	12	10.6
Major Cardiovascular Disease	268	236.3	Poisoning (excl. Psychoactive Drugs)	1	0.9
Cerebrovascular Disease	36	31.7	Falls	1	0.9
Heart Disease	220	194.0	Fire	1	0.9
Cancer	143	126.1	Drowning	1	0.9
Trachea/Bronchus/Lung	28	24.7	Firearms	1	0.9
Tuberculosis	1	0.9	All other	8	7.1
Diabetes Mellitus	12	10.6	Suicides	10	8.8
Influenza & Pneumonia	9	7.9	Homicides & Legal Interventions	40	35.3
Chronic Liver DX. & Cirrhosis	7	6.2	Undetermined Intent	0	0.0
AIDS	7	6.2			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

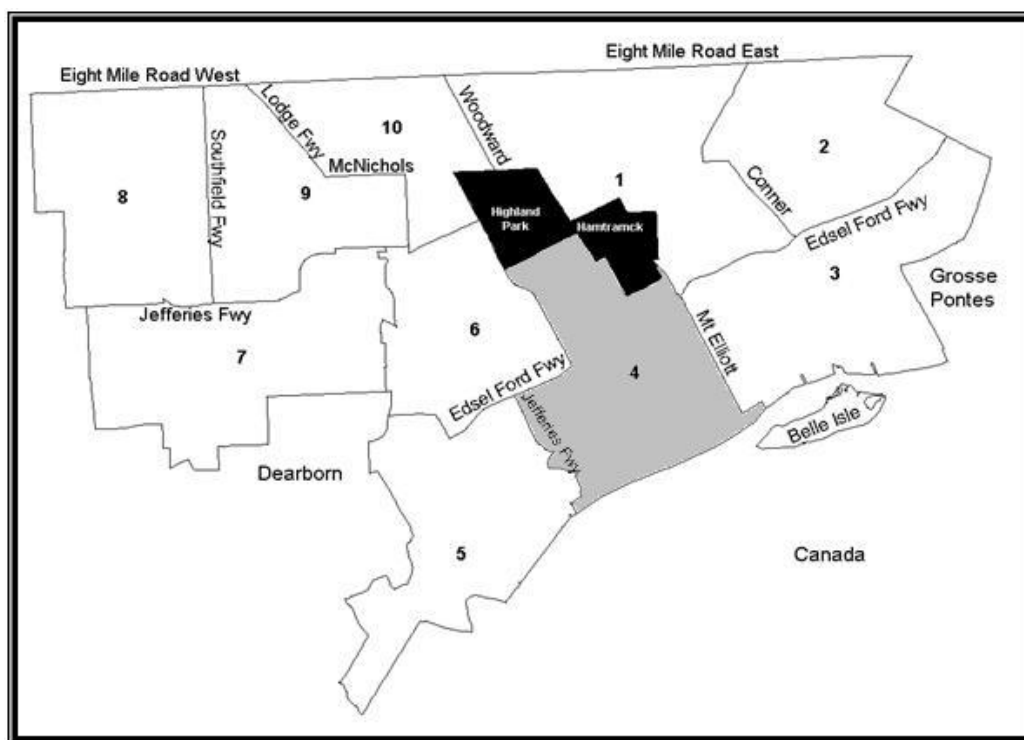
Cluster Area 3 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	106,104				
Births	1,341	12.6	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	730	54.4%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		71.0	All accidents	26	24.5
Infant Deaths	29	21.6	Motor Vehicle Accident	14	13.2
Deaths	1,168	1,100.8	Poisoning by Psychoactive Drug	4	3.8
Major Cardiovascular Disease	488	459.9	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	61	57.5	Falls	2	1.9
Heart Disease	395	372.3	Fire	0	0.0
Cancer	228	214.9	Drowning	3	2.8
Trachea/Bronchus/Lung	65	61.3	Firearms	0	0.0
Tuberculosis	2	1.9	All other	3	2.8
Diabetes Mellitus	38	35.8	Suicides	5	4.7
Influenza & Pneumonia	16	15.1	Homicides & Legal Interventions	34	32.0
Chronic Liver DX. & Cirrhosis.	15	14.1	Undetermined Intent	2	1.9
AIDS	17	16.0			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

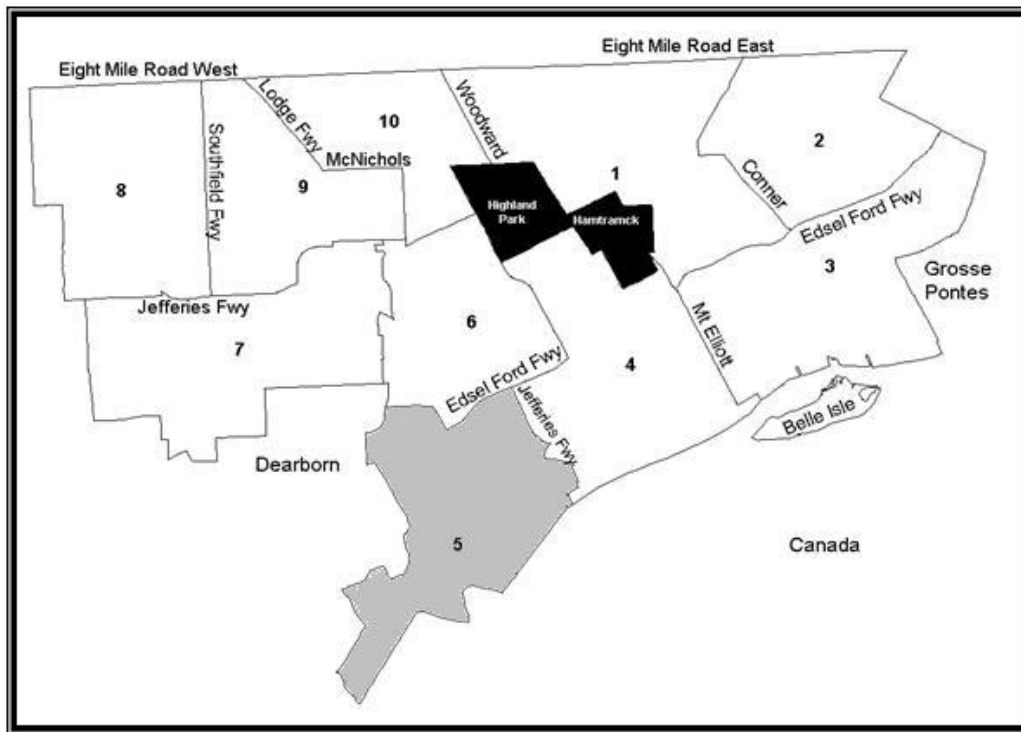
Cluster Area 4 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	69,966				
Births	766	10.9	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	398	52.0%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		36.1	All accidents	31	44.3
Infant Deaths	8	10.4	Motor Vehicle Accident	9	12.9
Deaths	811	1,159.1	Poisoning by Psychoactive Drug	13	18.6
Major Cardiovascular Disease	356	508.8	Poisoning (excl. Psychoactive Drugs)	1	1.4
Cerebrovascular Disease	45	64.3	Falls	2	2.9
Heart Disease	288	411.6	Fire	0	0.0
Cancer	135	193.0	Drowning	0	0.0
Trachea/Bronchus/Lung	30	42.9	Firearms	1	1.4
Tuberculosis	2	2.9	All other	6	8.6
Diabetes Mellitus	21	30.0	Suicides	6	8.6
Influenza & Pneumonia	17	24.3	Homicides & Legal Interventions	17	24.3
Chronic Liver DX. & Cirrhosis	7	10.0	Undetermined Intent	0	0.0
AIDS	17	24.3			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

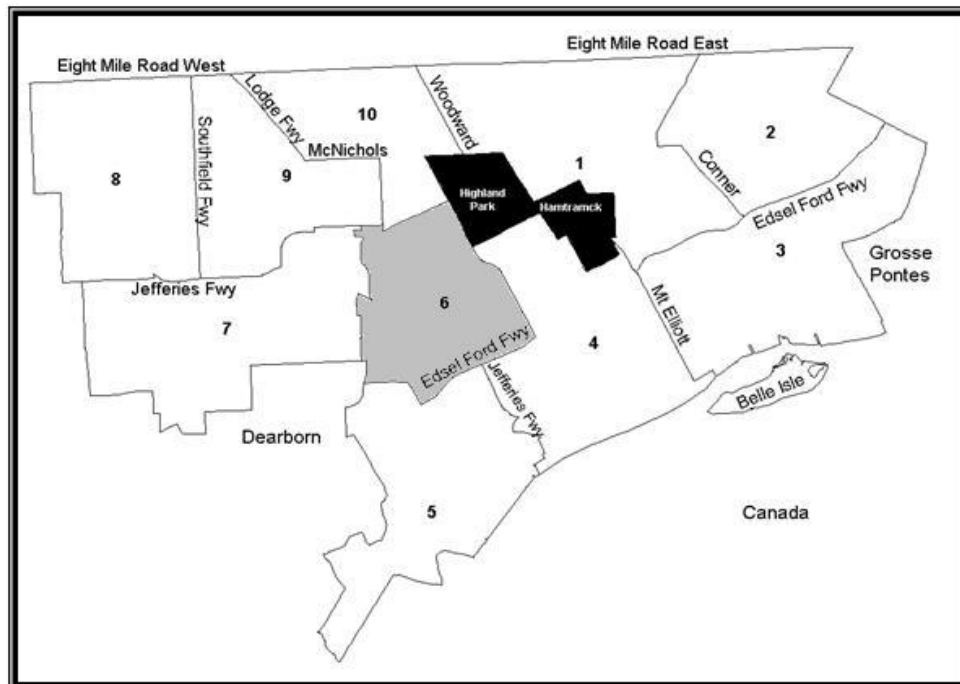
Cluster Area 5 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	85,401				
Births	1,860	21.8	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	363	19.5%			
Estimated Fertility Rate		98.3	All accidents	39	45.7
Infant Deaths	11	5.9	Motor Vehicle Accident	14	16.4
Deaths	672	786.9	Poisoning by Psychoactive Drug	14	16.4
Major Cardiovascular Disease	259	303.3	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	23	26.9	Falls	7	8.2
Heart Disease	222	260.0	Fire	2	2.3
Cancer	131	153.4	Drowning	0	0.0
Trachea/Bronchus/Lung	46	53.9	Firearms	0	0.0
Tuberculosis	0	0.0	All other	2	2.3
Diabetes Mellitus	13	15.2	Suicides	15	17.6
Influenza & Pneumonia	12	14.1	Homicides & Legal Interventions	26	30.4
Chronic Liver DX. & Cirrhosis	14	16.4	Undetermined Intent	3	3.5
AIDS	7	8.2			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

Cluster Area 6 Health Profile 2005



Vital Events

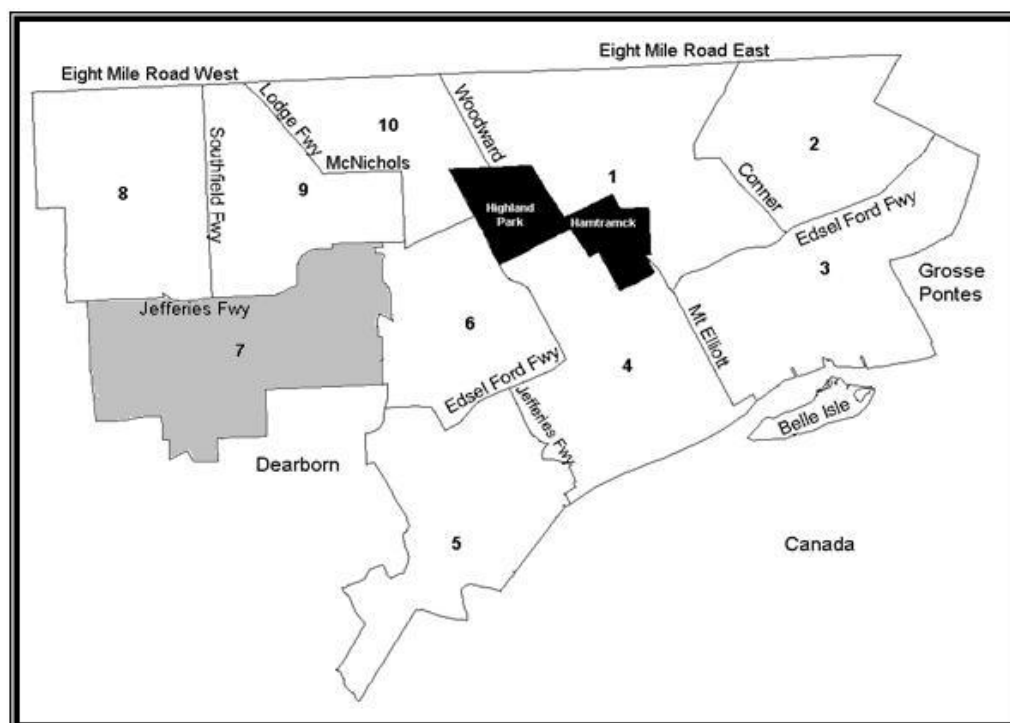
	<u>Cases</u>	<u>Rates¹</u>
Estimated population	89,653	
Births	1,211	13.5
Single Named Parent Births	700	57.8%
Estimated Fertility Rate		59.1
Infant Deaths	23	19.0
Deaths	1,049	1,170.1
Major Cardiovascular Disease	403	449.5
Cerebrovascular Disease	48	53.5
Heart Disease	329	367.0
Cancer	216	240.9
Trachea/Bronchus/Lung	52	58.0
Tuberculosis	0	0.0
Diabetes Mellitus	29	32.3
Influenza & Pneumonia	21	23.4
Chronic Liver DX. & Cirrhosis	17	19.0
AIDS	15	16.7

Accident, Suicide & Homicide Deaths

	<u>Cases</u>	<u>Rates¹</u>
All accidents	37	41.3
Motor Vehicle Accident	13	14.5
Poisoning by Psychoactive Drug	10	11.2
Poisoning (excl. Psychoactive Drugs)	0	0.0
Falls	5	5.6
Fire	1	1.1
Drowning	1	1.1
Firearms	0	0.0
All other	7	7.8
Suicides	3	3.3
Homicides & Legal Interventions	45	50.2
Undetermined Intent	1	1.1

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

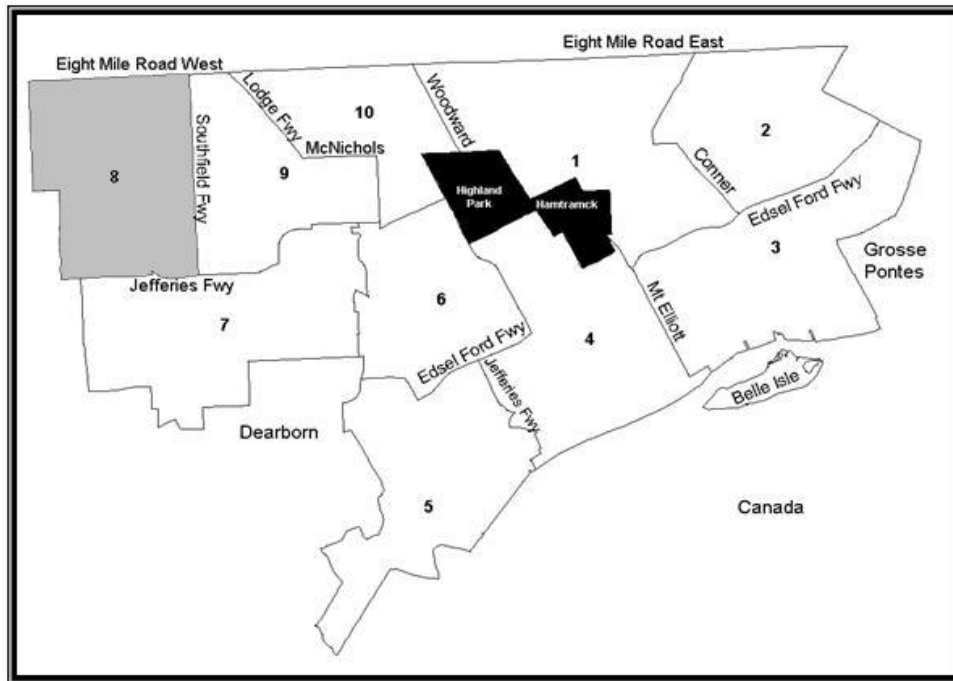
Cluster Area 7 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	111,003				
Births	1,543	13.9	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	684	44.3%			
Estimated Fertility Rate		57.0	All accidents	35	31.5
Infant Deaths	30	19.4	Motor Vehicle Accident	12	10.8
Deaths	914	823.4	Poisoning by Psychoactive Drug	8	7.2
Major Cardiovascular Disease	356	320.7	Poisoning (excl. Psychoactive Drugs)	1	0.9
Cerebrovascular Disease	43	38.7	Falls	3	2.7
Heart Disease	300	270.3	Fire	2	1.8
Cancer	189	170.3	Drowning	1	0.9
Trachea/Bronchus/Lung	51	45.9	Firearms	0	0.0
Tuberculosis	2	1.8	All other	8	7.2
Diabetes Mellitus	24	21.6	Suicides	4	3.6
Influenza & Pneumonia	17	15.3	Homicides & Legal Interventions	40	36.0
Chronic Liver DX. & Cirrhosis	8	7.2	Undetermined Intent	2	1.8
AIDS	8	7.2			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

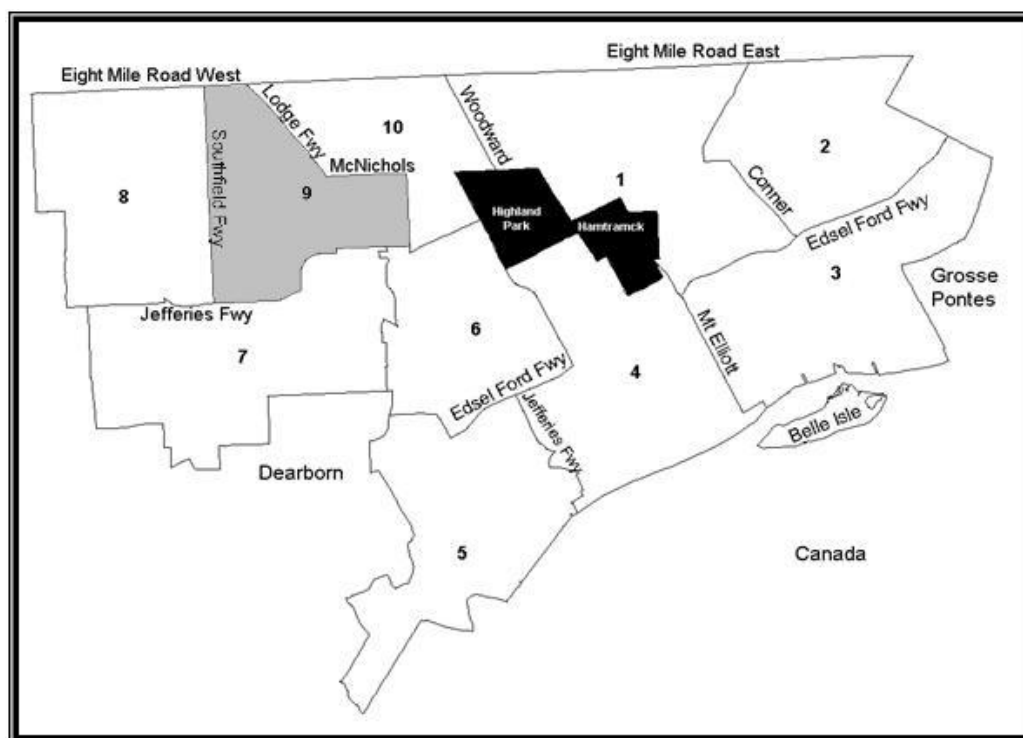
Cluster Area 8 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	92,610				
Births	1,169	12.6	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	544	46.5%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		50.5	All accidents	36	38.9
Infant Deaths	16	13.7	Motor Vehicle Accident	15	16.2
Deaths	651	702.9	Poisoning by Psychoactive Drug	5	5.4
Major Cardiovascular Disease	267	288.3	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	30	32.4	Falls	4	4.3
Heart Disease	222	239.7	Fire	8	8.6
Cancer	141	152.3	Drowning	0	0.0
Trachea/Bronchus/Lung	43	46.4	Firearms	0	0.0
Tuberculosis	0	0.0	All other	4	4.3
Diabetes Mellitus	14	15.1	Suicides	5	5.4
Influenza & Pneumonia	18	19.4	Homicides & Legal Interventions	32	34.6
Chronic Liver DX. & Cirrhosis	9	9.7	Undetermined Intent	1	1.1
AIDS	5	5.4			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

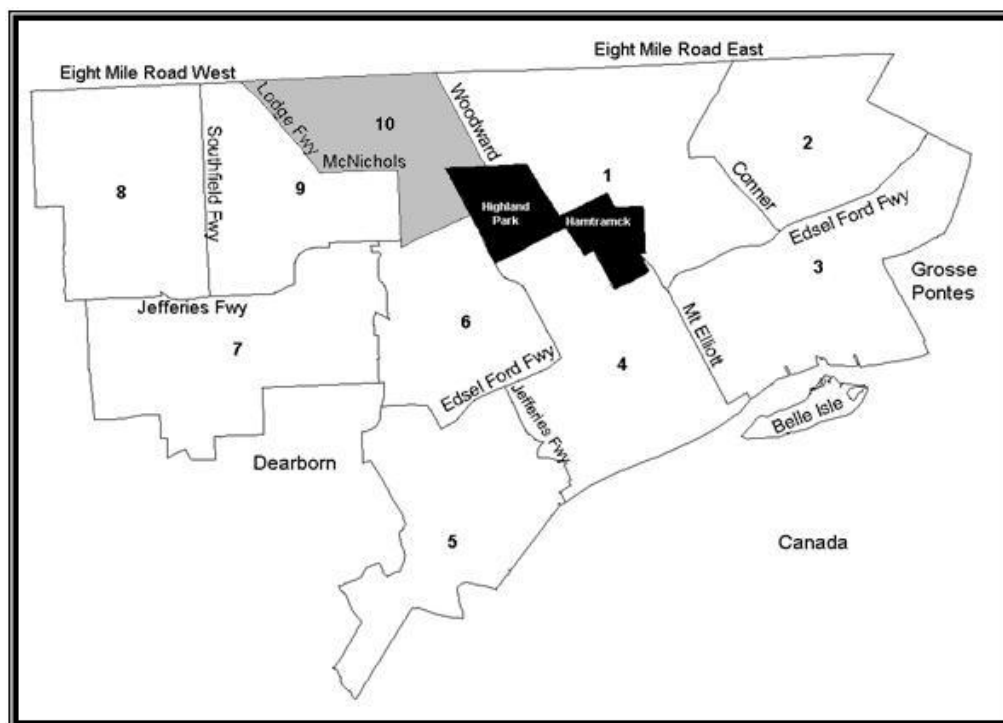
Cluster Area 9 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	98,963				
Births	1,184	12.0	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	569	48.1%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		51.0	All accidents	36	36.4
Infant Deaths	12	10.1	Motor Vehicle Accident	18	18.2
Deaths	892	901.3	Poisoning by Psychoactive Drug	7	7.1
Major Cardiovascular Disease	374	377.9	Poisoning (excl. Psychoactive Drugs)	2	2.0
Cerebrovascular Disease	39	39.4	Falls	3	3.0
Heart Disease	306	309.2	Fire	4	4.0
Cancer	185	186.9	Drowning	0	0.0
Trachea/Bronchus/Lung	56	56.6	Firearms	0	0.0
Tuberculosis	0	0.0	All other	2	2.0
Diabetes Mellitus	26	26.3	Suicides	5	5.1
Influenza & Pneumonia	15	15.2	Homicides & Legal Interventions	34	34.4
Chronic Liver DX. & Cirrhosis	11	11.1	Undetermined Intent	1	1.0
AIDS	12	12.1			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

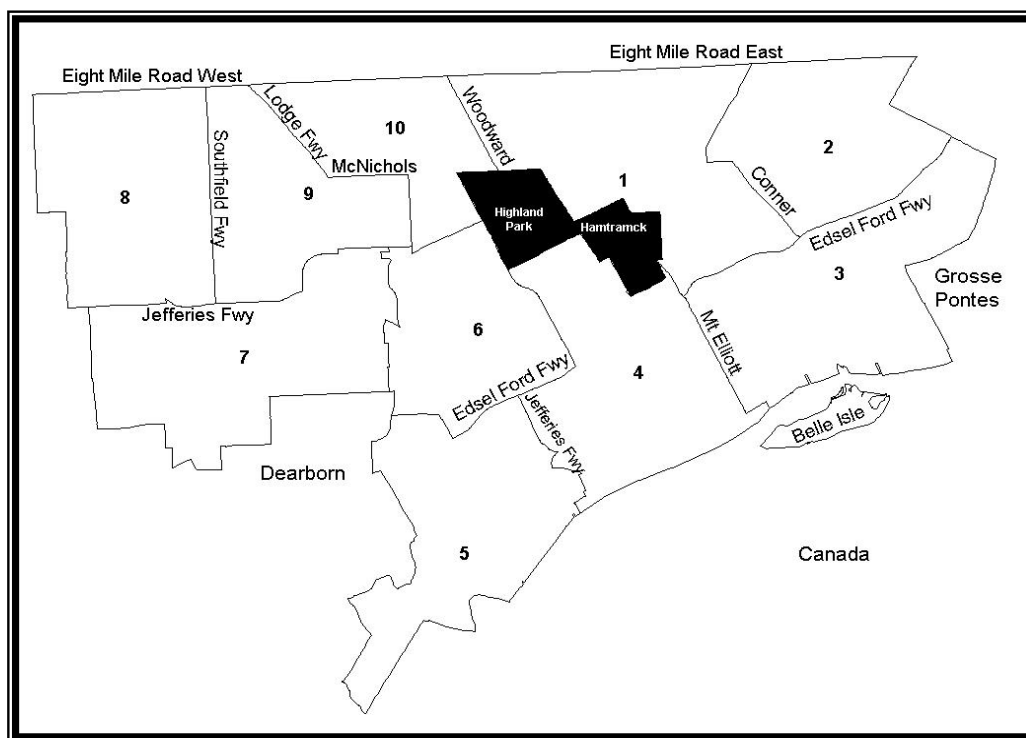
Cluster Area 10 Health Profile 2005



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	62,387				
Births	620	9.9	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	240	38.7%			
Estimated Fertility Rate		45.1	All accidents	14	22.4
Infant Deaths	14	22.6	Motor Vehicle Accident	2	3.2
Deaths	635	1,017.8	Poisoning by Psychoactive Drug	3	4.8
Major Cardiovascular Disease	267	428.0	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	38	60.9	Falls	3	4.8
Heart Disease	217	347.8	Fire	4	6.4
Cancer	144	230.8	Drowning	0	0.0
Trachea/Bronchus/Lung	35	56.1	Firearms	0	0.0
Tuberculosis	0	0.0	All other	2	3.2
Diabetes Mellitus	23	36.9	Suicides	2	3.2
Influenza & Pneumonia	15	24.0	Homicides & Legal Interventions	14	22.4
Chronic Liver DX. & Cirrhosis	10	16.0	Undetermined Intent	0	0.0
AIDS	8	12.8			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

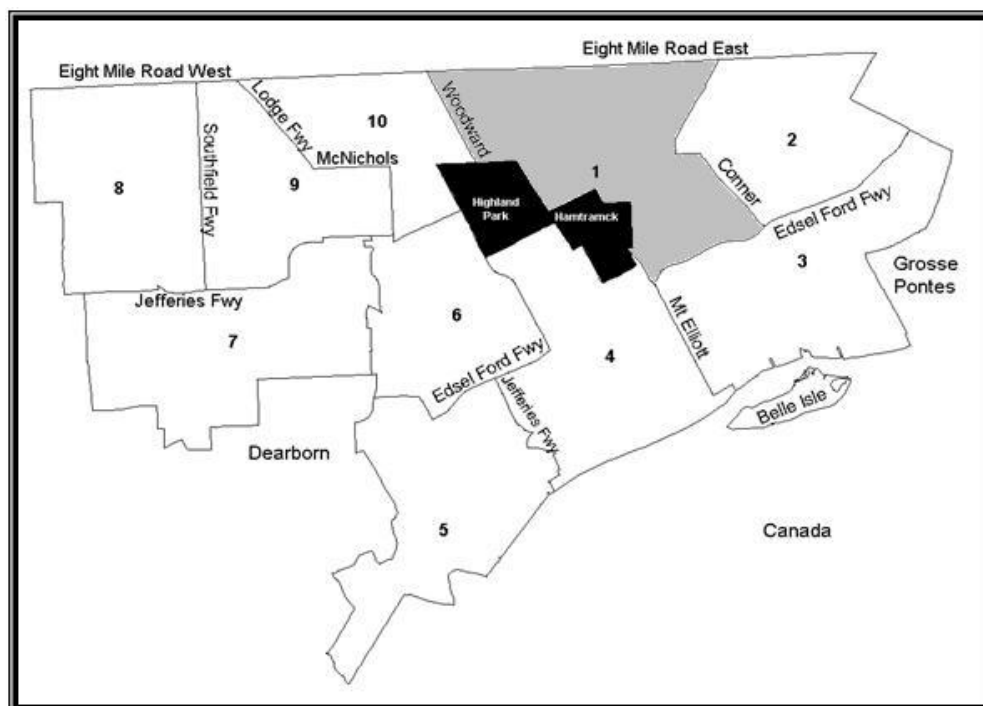
City Wide Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	918,849				
Births	13,016	14.2			
Single Named Parent Births	5,854	45.0%	Accident, Suicide & Homicide Deaths		
Estimated Fertility Rate		59.7			
Infant Deaths	175	13.4	All accidents	355	38.6
Deaths	8,324	905.9	Motor Vehicle Accident	102	11.1
Major Cardiovascular Disease	3,261	354.9	Poisoning by Psychoactive Drug	130	14.1
Cerebrovascular Disease	400	43.5	Poisoning (excl. Psychoactive Drugs)	5	0.5
Heart Disease	2,628	286.0	Falls	33	3.6
Cancer	1,810	197.0	Fire	19	2.1
Trachea/Bronchus/Lung	521	56.7	Drowning	9	1.0
Tuberculosis	2	0.2	Firearms	3	0.3
Diabetes Mellitus	259	28.2	All other	57	6.2
Influenza & Pneumonia	156	17.0	Suicides	65	7.1
Chronic Liver DX. & Cirrhosis	81	8.8	Homicides & Legal Interventions	367	39.9
AIDS	89	9.7	Undetermined Intent	16	1.7

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

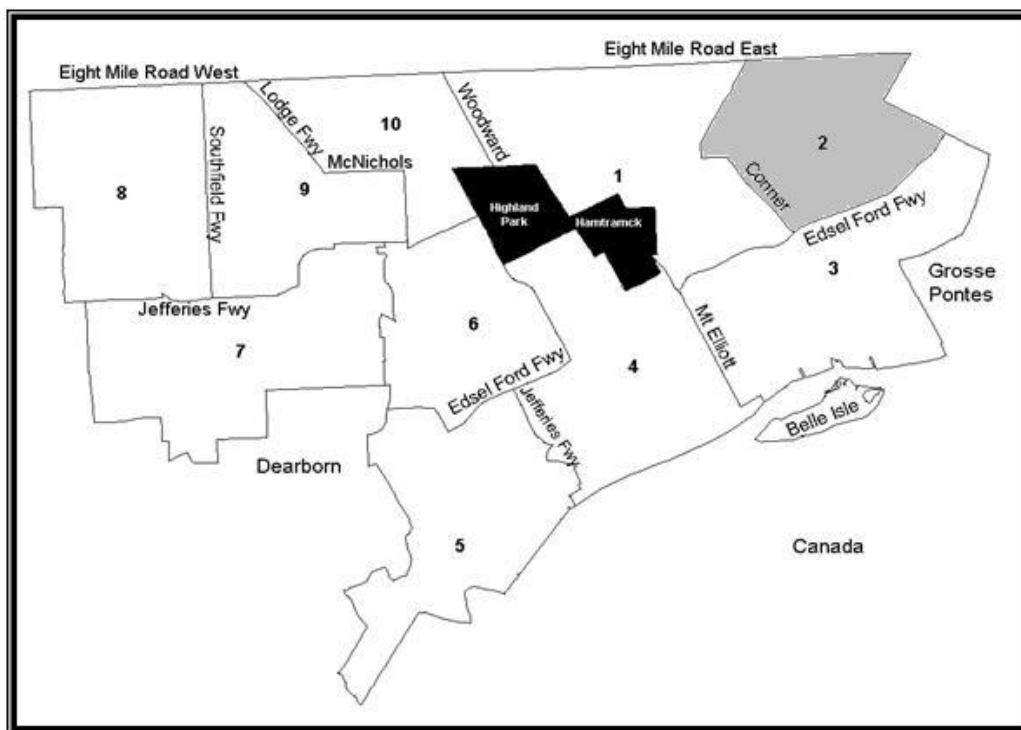
Cluster Area 1 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	95,101				
Births	1,230	12.9	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	567	46.1%			
Estimated Fertility Rate		56.6	All accidents	39	41.0
Infant Deaths	19	15.4	Motor Vehicle Accident	13	13.7
Deaths	822	864.3	Poisoning by Psychoactive Drug	8	8.4
Major Cardiovascular Disease	329	345.9	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	49	51.5	Falls	6	6.3
Heart Disease	245	257.6	Fire	4	4.2
Cancer	177	186.1	Drowning	0	0.0
Trachea/Bronchus/Lung	44	46.3	Firearms	0	0.0
Tuberculosis	0	0.0	All other	8	8.4
Diabetes Mellitus	23	24.2	Suicides	6	6.3
Influenza & Pneumonia	18	18.9	Homicides & Legal Interventions	31	32.6
Chronic Liver DX. & Cirrhosis	5	5.3	Undetermined Intent	0	0.0
AIDS	11	11.6			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

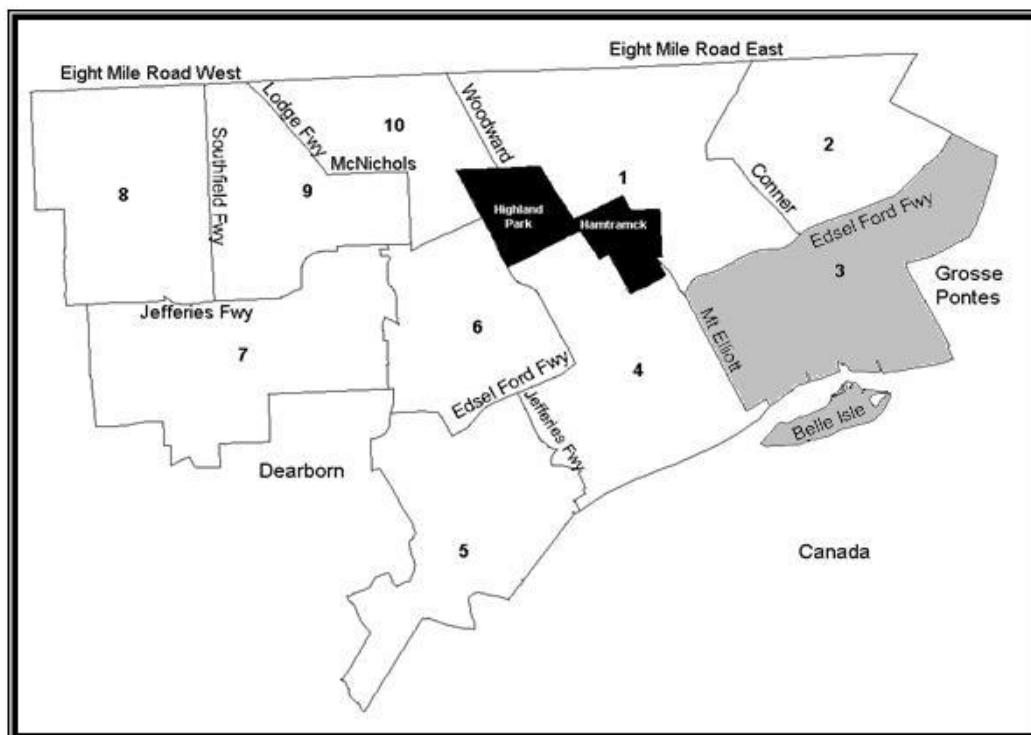
Cluster Area 2 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	112,743				
Births	1,607	14.3	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	841	43.2%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		64.2	All accidents	46	40.8
Infant Deaths	26	16.2	Motor Vehicle Accident	17	15.1
Deaths	769	682.1	Poisoning by Psychoactive Drug	12	10.6
Major Cardiovascular Disease	277	245.7	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	37	32.8	Falls	5	4.4
Heart Disease	226	200.5	Fire	0	0.0
Cancer	186	165.0	Drowning	2	1.8
Trachea/Bronchus/Lung	61	54.1	Firearms	1	0.9
Tuberculosis	0	0.0	All other	10	8.9
Diabetes Mellitus	20	17.7	Suicides	10	8.9
Influenza & Pneumonia	7	6.2	Homicides & Legal Interventions	55	48.8
Chronic Liver DX. & Cirrhosis	7	6.2	Undetermined Intent	0	0.0
AIDS	7	6.2			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

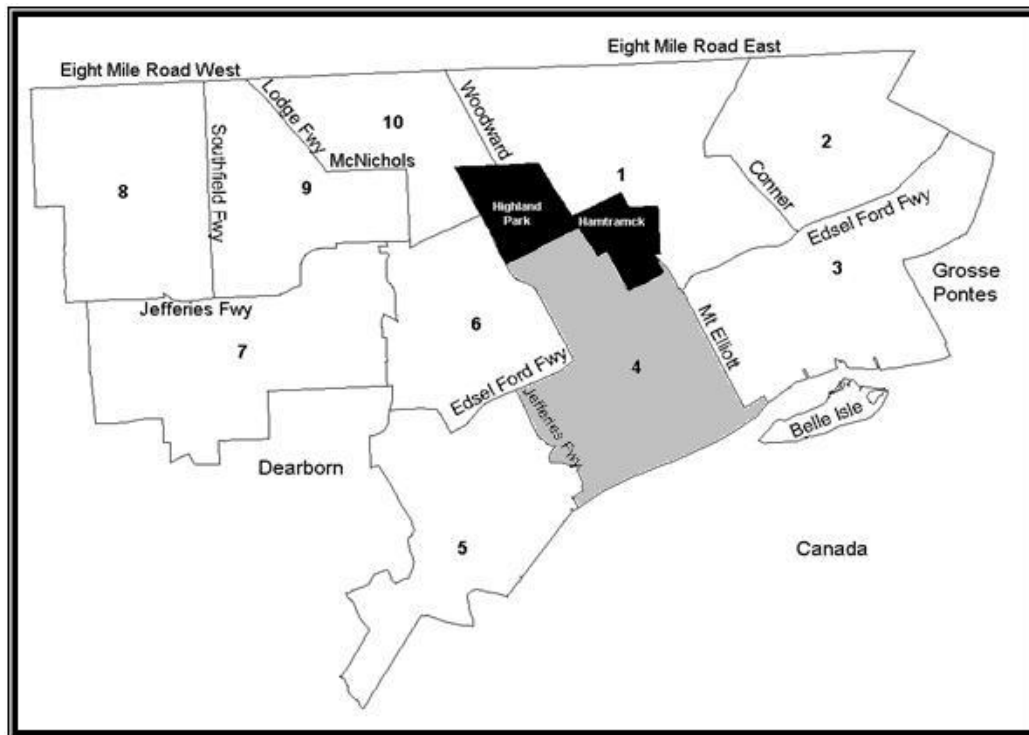
Cluster Area 3 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	105,454				
Births	1,282	12.2	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	728	56.8%			
Estimated Fertility Rate		67.9	All accidents	39	37.0
Infant Deaths	13	10.1	Motor Vehicle Accident	8	7.6
Deaths	1,073	1,017.5	Poisoning by Psychoactive Drug	16	15.2
Major Cardiovascular Disease	435	412.5	Poisoning (excl. Psychoactive Drugs)	1	0.9
Cerebrovascular Disease	52	49.3	Falls	3	2.8
Heart Disease	353	334.7	Fire	6	5.7
Cancer	234	221.9	Drowning	2	1.9
Trachea/Bronchus/Lung	68	64.5	Firearms	0	0.0
Tuberculosis	0	0.0	All other	3	2.8
Diabetes Mellitus	44	41.7	Suicides	5	4.7
Influenza & Pneumonia	19	18.0	Homicides & Legal Interventions	37	35.1
Chronic Liver DX. & Cirrhosis	15	14.2	Undetermined Intent	4	3.8
AIDS	11	10.4			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

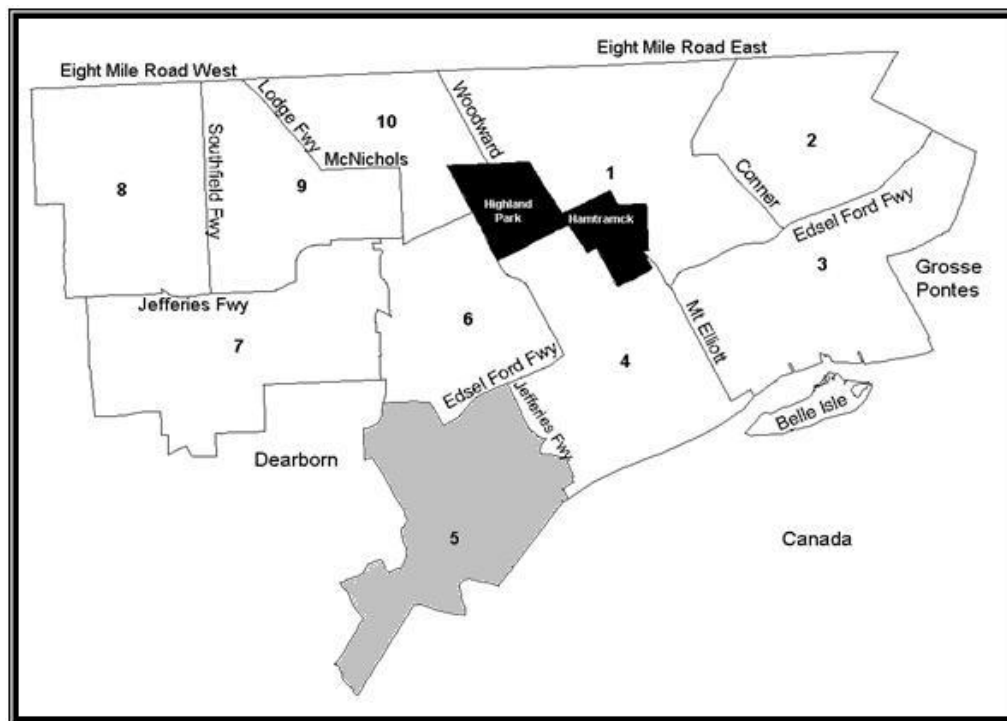
Cluster Area 4 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	69,557				
Births	706	10.1	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	353	50.0%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		33.3	All accidents	23	33.1
Infant Deaths	13	18.4	Motor Vehicle Accident	4	5.8
Deaths	778	1,118.5	Poisoning by Psychoactive Drug	9	12.9
Major Cardiovascular Disease	339	487.4	Poisoning (excl. Psychoactive Drugs)	1	1.4
Cerebrovascular Disease	25	35.9	Falls	2	2.9
Heart Disease	287	412.6	Fire	3	4.3
Cancer	159	228.6	Drowning	1	1.4
Trachea/Bronchus/Lung	49	70.4	Firearms	0	0.0
Tuberculosis	1	1.4	All other	3	4.3
Diabetes Mellitus	16	23.0	Suicides	6	8.6
Influenza & Pneumonia	11	15.8	Homicides & Legal Interventions	21	30.2
Chronic Liver DX. & Cirrhosis	10	14.4	Undetermined Intent	3	4.3
AIDS	11	15.8			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

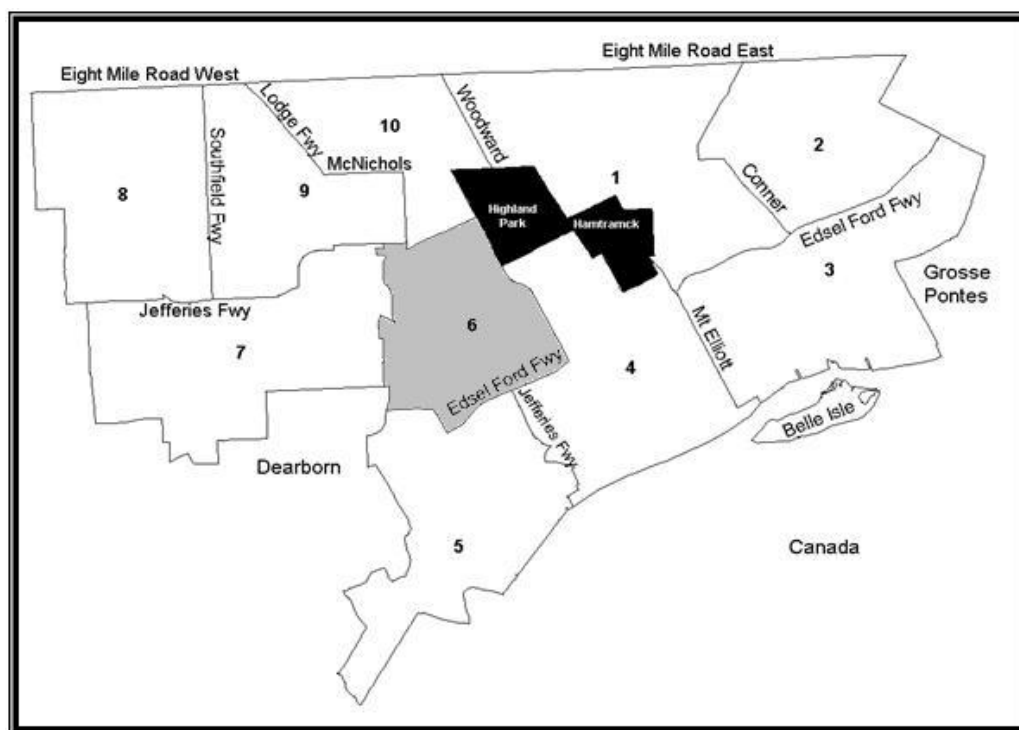
Cluster Area 5 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	84,902				
Births	1,804	21.2	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	355	19.7%			
Estimated Fertility Rate		95.3	All accidents	43	50.6
Infant Deaths	16	8.9	Motor Vehicle Accident	11	13.0
Deaths	628	739.7	Poisoning by Psychoactive Drug	19	22.4
Major Cardiovascular Disease	233	274.4	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	23	27.1	Falls	3	3.5
Heart Disease	198	233.2	Fire	0	0.0
Cancer	110	129.6	Drowning	1	1.2
Trachea/Bronchus/Lung	36	42.4	Firearms	0	0.0
Tuberculosis	0	0.0	All other	11	13.0
Diabetes Mellitus	26	30.6	Suicides	7	8.2
Influenza & Pneumonia	13	15.3	Homicides & Legal Interventions	29	34.2
Chronic Liver Dx. & Cirrhosis	10	11.8	Undetermined Intent	1	1.2
AIDS	3	3.5			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

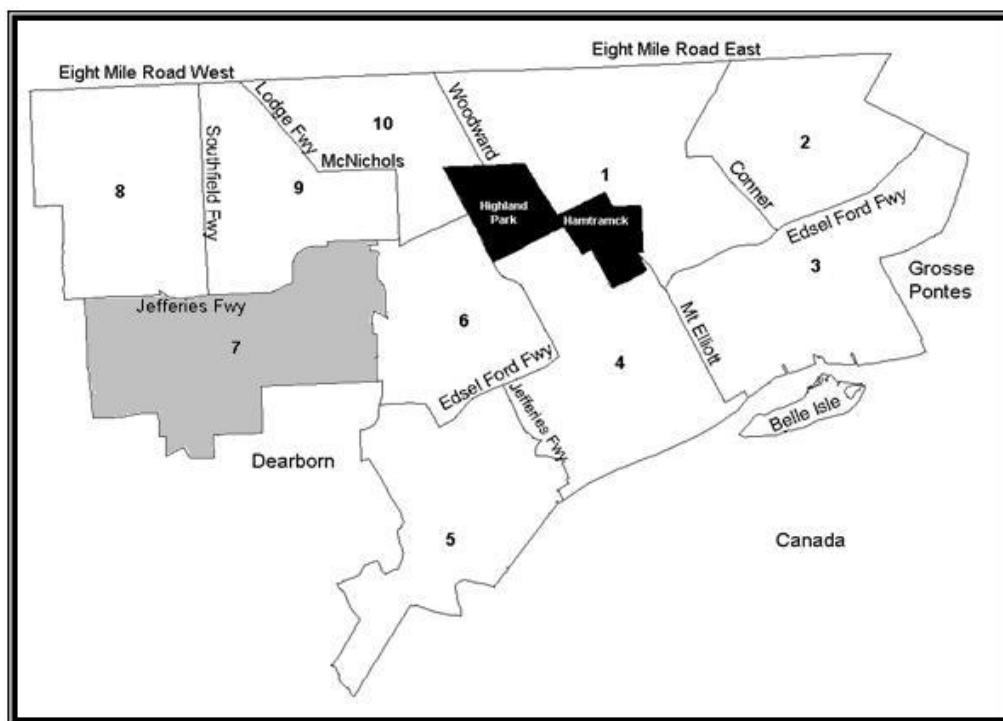
Cluster Area 6 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	89,128				
Births	1,091	12.2	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	618	56.6%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		53.3	All accidents	43	48.2
Infant Deaths	22	20.2	Motor Vehicle Accident	10	11.2
Deaths	933	1,046.8	Poisoning by Psychoactive Drug	22	24.7
Major Cardiovascular Disease	405	454.4	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	53	59.5	Falls	5	5.6
Heart Disease	321	360.2	Fire	1	1.1
Cancer	172	193.0	Drowning	0	0.0
Trachea/Bronchus/Lung	38	42.6	Firearms	0	0.0
Tuberculosis	0	0.0	All other	5	5.6
Diabetes Mellitus	23	25.8	Suicides	2	2.2
Influenza & Pneumonia	19	21.3	Homicides & Legal Interventions	28	31.4
Chronic Liver DX. & Cirrhosis	6	6.7	Undetermined Intent	2	2.2
AIDS	8	9.0			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

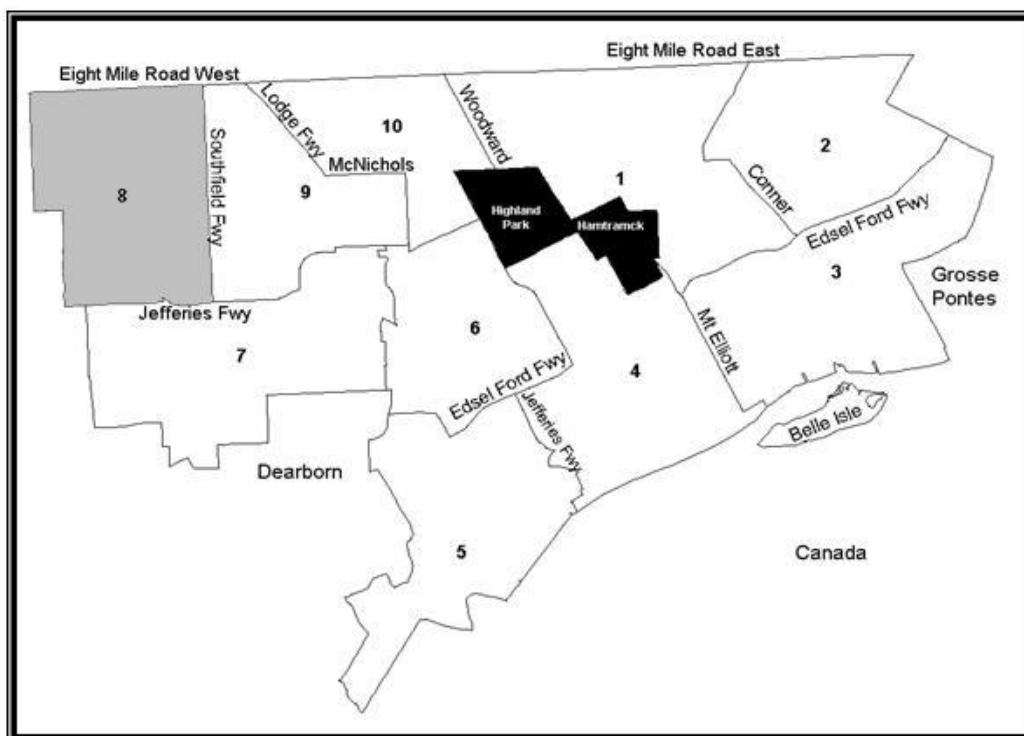
Cluster Area 7 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>			
Estimated population	110,354				
Births	1,562	14.2	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	667	42.7%		<u>Cases</u>	<u>Rates¹</u>
Estimated Fertility Rate		57.7	All accidents	32	29.0
Infant Deaths	17	10.9	Motor Vehicle Accident	8	7.2
Deaths	906	821.0	Poisoning by Psychoactive Drug	12	10.9
Major Cardiovascular Disease	351	318.1	Poisoning (excl. Psychoactive Drugs)	1	0.9
Cerebrovascular Disease	42	38.1	Falls	4	3.6
Heart Disease	291	263.7	Fire	2	1.8
Cancer	206	186.7	Drowning	0	0.0
Trachea/Bronchus/Lung	60	54.4	Firearms	1	0.9
Tuberculosis	0	0.0	All other	5	4.5
Diabetes Mellitus	28	25.4	Suicides	7	6.3
Influenza & Pneumonia	17	15.4	Homicides & Legal Interventions	47	42.6
Chronic Liver DX. & Cirrhosis.	7	6.3	Undetermined Intent	1	0.9
AIDS	9	8.2			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

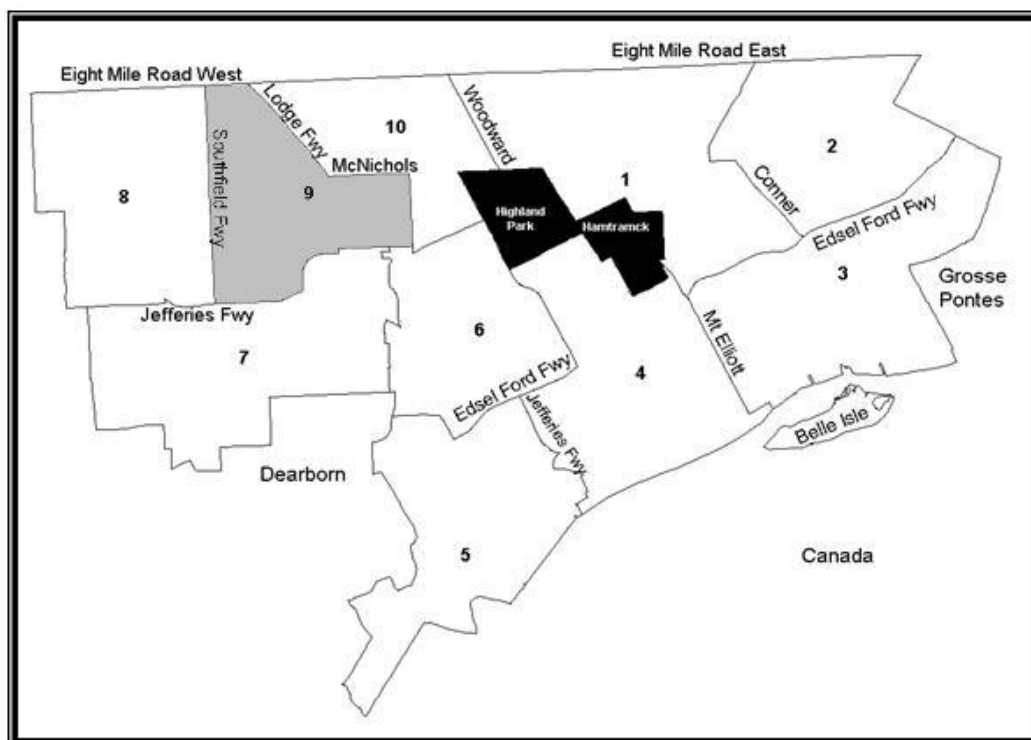
Cluster Area 8 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	92,069				
Births	1,103	12.0	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	495	44.9%			
Estimated Fertility Rate		47.6	All accidents	22	23.9
Infant Deaths	18	16.3	Motor Vehicle Accident	13	14.1
Deaths	639	694.0	Poisoning by Psychoactive Drug	4	4.3
Major Cardiovascular Disease	213	231.3	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	27	29.3	Falls	1	1.1
Heart Disease	173	187.9	Fire	1	1.1
Cancer	156	169.4	Drowning	1	1.1
Trachea/Bronchus/Lung	52	56.5	Firearms	0	0.0
Tuberculosis	0	0.0	All other	2	2.2
Diabetes Mellitus	16	17.4	Suicides	6	6.5
Influenza & Pneumonia	21	22.8	Homicides & Legal Interventions	35	38.0
Chronic Liver DX. & Cirrhosis	7	7.6	Undetermined Intent	2	2.2
AIDS	9	9.8			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

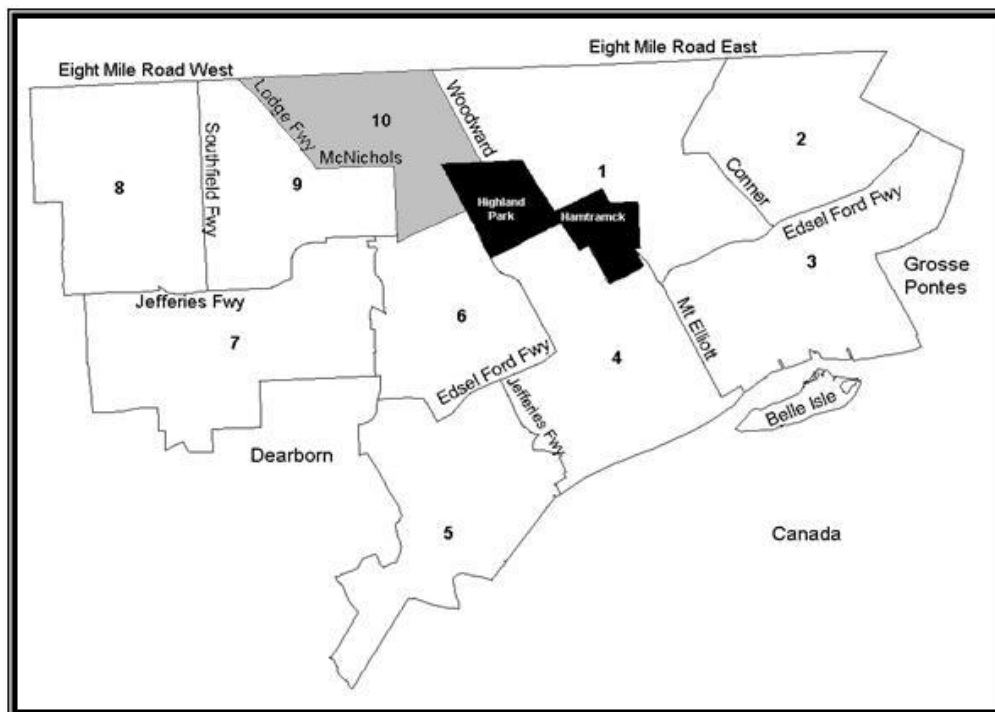
Cluster Area 9 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	97,490				
Births	1,107	11.4	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	548	49.5%			
Estimated Fertility Rate		47.7	All accidents	36	36.9
Infant Deaths	18	16.3	Motor Vehicle Accident	8	8.2
Deaths	920	943.7	Poisoning by Psychoactive Drug	16	16.4
Major Cardiovascular Disease	351	360.0	Poisoning (excl. Psychoactive Drugs)	2	2.1
Cerebrovascular Disease	51	52.3	Falls	2	2.1
Heart Disease	271	278.0	Fire	0	0.0
Cancer	216	221.6	Drowning	1	1.0
Trachea/Bronchus/Lung	65	66.7	Firearms	1	1.0
Tuberculosis	0	0.0	All other	7	7.2
Diabetes Mellitus	34	34.9	Suicides	9	9.2
Influenza & Pneumonia	17	17.4	Homicides & Legal Interventions	39	40.0
Chronic Liver DX. & Cirrhosis	7	7.2	Undetermined Intent	2	2.1
AIDS	11	11.3			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

Cluster Area 10 Health Profile 2006



<u>Vital Events</u>	<u>Cases</u>	<u>Rates¹</u>		<u>Cases</u>	<u>Rates¹</u>
Estimated population	62,022				
Births	577	9.3	Accident, Suicide & Homicide Deaths		
Single Named Parent Births	237	41.1%			
Estimated Fertility Rate		41.9	All accidents	19	30.6
Infant Deaths	9	15.6	Motor Vehicle Accident	6	9.7
Deaths	634	1,022.2	Poisoning by Psychoactive Drug	7	11.3
Major Cardiovascular Disease	247	398.2	Poisoning (excl. Psychoactive Drugs)	0	0.0
Cerebrovascular Disease	32	51.6	Falls	2	3.2
Heart Disease	196	316.0	Fire	2	3.2
Cancer	135	217.7	Drowning	1	1.6
Trachea/Bronchus/Lung	37	59.7	Firearms	0	0.0
Tuberculosis	0	0.0	All other	1	1.6
Diabetes Mellitus	26	41.9	Suicides	4	6.4
Influenza & Pneumonia	11	17.7	Homicides & Legal Interventions	31	50.0
Chronic Liver DX. & Cirrhosis	4	6.4	Undetermined Intent	1	1.6
AIDS	3	4.8			

¹ Birth rate per 1,000 population; infant mortality rate per 1,000 live births; fertility rate per 1,000 women aged 15-44; all other rates per 100,000 population.

Appendix 2: References

References

- Detroit Birth Files, Division for Vital Records and Health Statistics, Michigan Department of Community Health.
- Detroit Death Files, Division for Vital Records and Health Statistics, Michigan Department of Community Health.
- Detroit Vital Data 2005-2006, Detroit Department of Health and Wellness.
- Detroit HIV/AIDS Profile 2005-2006, HIV Division, Michigan Department of Community Health.
- Hamilton BE, Martin JA, Ventura SJ, Sutton PD, Menacker F. Births: Preliminary data for 2004. National Vital Statistics Reports; vol 54 no 8. Hyattsville, Maryland: National Center for Health Statistics; 2005.
- Hoyert DL, Kung HC, Smith BL. Deaths: Preliminary data for 2003. National Vital Statistics Reports; vol 53 no 15. Hyattsville, Maryland: National Center for Health Statistics; 2005.
- Martin JA, Hamilton BE, Sutton PD, et al. Births: Final data for 2003. National Vital Statistics Reports; vol 54 no 2. Hyattsville, MD: National Center for Health Statistics; 2005.
- Michigan Department of Community Health, Epidemiology Services Division-Health Statistics, Community Health Information-Infant Mortality; April 2006.
- Michigan Department of Community Health, Epidemiology Services Division-Health Statistics, Crude Birth Rates; April 2006.
- Michigan Department of Community Health, Epidemiology Services Division-Health Statistics, Live Birth Rates by Age of Mother; April 2006.
- Michigan Department of Community Health, Epidemiology Services Division-Health Statistics, Vital Statistics by 39 Causes of Death; April 2006.
- Michigan Department of Community Health, Epidemiology Services Division-Health Statistics, Crude Death Rate by Health Department; April 2006.
- U.S. Census Bureau, 2000 Census of Population and Housing, Summary File 1;" using American Fact Finder; <<http://factfinder.census.gov/servlet/BasicFactsServlet>>. September 2001.
- U.S. Census Bureau General Demographic Characteristics: 2005 Data Set: 2005 American Community Survey Census of Population and Housing, Using American Fact Finder; April 2006.
- U.S. Census Bureau General Demographic Characteristics: 2006 Data Set: 2006 American Community Survey Census of Population and Housing; using American Fact Finder; April 2006.

Appendix 3: GLOSSARY

GLOSSARY

AGE ADJUSTMENT

Age adjustment, using the direct method, is the application of age-specific rates in a population of interest to a standardized age distribution in order to eliminate differences in observed rates that result from age differences in population composition. This adjustment is usually done when comparing two or more populations at one point in time or one population at two or more points in time.

BIRTH RATE

Birth rate is calculated by dividing the number of live births in a population in a year by the midyear resident population. For census years, rates are based on unrounded census counts of the resident population, as of April 1. Birth rates are expressed as the number of live births per 1,000 resident population. The rate may be restricted to births to women of specific age, race, marital status, or geographic location (specific rate), or it may be related to the entire population (crude rate).

BIRTHWEIGHT

A birthweight is the weight of the fetus or infant at the time of delivery.
Low birthweight is defined as less than 2,500 grams or 5 pounds 8 ounces.
Very low birthweight is defined as less than 1,500 grams or 3 pounds 4 ounces.

BLACK

A person having origins in any of the black racial groups of Africa.

CONGENITAL ANOMOLIES

Defects existing at and usually before birth regardless of causation.

DEATH RATE

A death rate is calculated by dividing the number of deaths in a population in a year by the midyear resident population. For census years, rates are based on unrounded census counts of the resident population, as of April 1. Death rates are expressed as the number of deaths per 1,000 resident population. The rate may be restricted to deaths in specific age, race, sex, or geographic groups or from specific causes of death (specific rate) or it may be related to the entire population (crude rate).

DEPENDENCY RATIO

The number of persons under 18 and 65 and over per 100 persons 18–64 years old.

FERTILITY RATE

Fertility rate is the total number of live births, regardless of age of mother, per 1,000 women of reproductive age, 15–44 years.

FETAL DEATH

Any complete expulsion or extraction from its mother of a product of human conception the weight of which is in excess of 350 grams, irrespective of the duration of pregnancy, resulting in other than a live birth, and which is not an induced termination of pregnancy.

FETAL MORTALITY RATE

A fetal mortality rate is the number of fetal deaths with stated or presumed gestation of 20 weeks or more divided by the sum of live births plus fetal deaths, stated per 1,000 live births plus fetal deaths.

GESTATION

The period of time between the last reported normal menses and the delivery of the fetus or infant .

HISPANIC

A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

INFANT DEATH

An infant death is the death of a live-born child before his or her first birthday. Deaths in the first year of life may be further classified according to age as neonatal and postneonatal. Neonatal deaths are those that occur before the 28th day of life; postneonatal deaths are those that occur between 28 and 365 days of age.

INFANT MORTALITY RATE

An infant mortality rate is based on period files calculated by dividing the number of infant deaths during a calendar year by the number of live births reported in the same year. It is expressed as the number of infant deaths per 1,000 live births.

INTERNATIONAL CLASSIFICATION OF DISEASE (ICD)

The ICD provides the ground rules for coding and classifying mortality data. The ICD is developed collaboratively between the World Health Organization (WHO) and ten international centers, one of which is housed at NCHS. The purpose of the ICD is to promote international comparability in the collection, classification, processing, and presentation of health statistics. Since the beginning of the century, the ICD has been modified about once every 10 years, except for the 20-year interval between ICD-9 and ICD-10.

LEGAL INTERVENTION

This includes legal execution and injuries inflicted by the police or other law-enforcing agents, including military on duty in the course of arresting or attempting to arrest law breakers, suppressing disturbances, maintaining order and other legal action.

LIFE EXPECTANCY

Life expectancy is the average number of years of life remaining to a person at a particular age and is based on a given set of age-specific death rates, generally the mortality conditions existing in the period mentioned. Life expectancy may be determined by race, sex, or other characteristics using age-specific death rates for the population with that characteristic.

LIVE BIRTH

In the World Health Organization's definition, also adopted by the United Nations and the National Center for Health Statistics, a live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy, which, after such separation, breathes or shows any other evidence of life such as heartbeat, umbilical cord pulsation, or definite movement of voluntary muscles, whether the umbilical cord has been cut or the placenta is attached. Each product of such a birth is considered live born.

MATERNAL DEATH

Maternal death is defined as the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy. Maternal death is one for which the certifying physician has designated a maternal condition as the underlying cause of death. Maternal conditions are those assigned to complications of pregnancy, childbirth, and the puerperium, ICD-10 codes O00-O99.

MOBILITY

The movement of people in a population, as from place to place, from job to job, or from one social class or level to another.

MORBIDITY

Any departure, subjective or objective, from a state of physiological or psychological well-being.

MORTALITY

A measure of the frequency of occurrence of death in a defined population during a specified interval of time.

MULTIPLE BIRTH

Two or more births resulting from the same pregnancy.

NEONATAL PERIOD

The first 28 days of life.

NET NATURAL INCREASE

Number of births minus deaths.

NET MIGRATION

This population last year plus the natural increase minus the population this year.

PERINATAL PERIOD

The perinatal period commences at 22 completed weeks (154 days) of gestation (the time when birth weight is normally 500 g), and ends seven completed days after birth.

POPULATION

The U.S. Bureau of the Census collects and publishes data on populations in the United States according to several different definitions. Various statistical systems then use the appropriate population for calculating rates. Total population is the population of the United States, including all members of the Armed Forces living in foreign countries, Puerto Rico, Guam, and the U.S. Virgin Islands. Other Americans abroad (for example, civilian Federal employees and dependents of members of the Armed Forces or other Federal employees) are not included. Resident population includes persons whose usual place of residence (that is, the place where one usually lives and sleeps) is in one of the 50 States or the District of Columbia. It includes members of the Armed Forces stationed in the United States and their families. It excludes international military, naval, and diplomatic personnel and their families located here and residing in embassies or similar quarters. Also excluded are international workers and international students in this country and Americans living abroad. The resident population is usually the denominator when calculating birth and death rates and incidence of disease.

PREVALENCE

Prevalence is the number of cases of a disease, infected persons, or persons with some other attribute present during a particular interval of time. It is often expressed as a rate (for example, the prevalence of HIV/AIDS per 1,000 persons during a year).

RATE

A rate is a measure of some event, disease, or condition in relation to a unit of population, along with some specification of time.

REPORTED CASES

These are cases that have determined to be confirmed to be positive with a particular disease or condition, and at a given time may be discarded after further investigation or follow-up.

SUSPECTED CASES

These are initial cases that are deemed to be potentially linked with this particular disease or condition, pending confirmation to be determined as an actual case.

TERM

From 37 to 41 completed weeks of gestation.

UNDERLYING CAUSE OF DEATH

The underlying cause of death is (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury.

VITAL INDEX

Number of births per 100 deaths.

WHITE

A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

Appendix 4: Underlying Cause of Death Codes

Underlying Cause of Death Categories

Cause of Death	ICD-10 Code(s)
Communicable Diseases	A00-B99
Salmonella	A01-A02
Shigellosis/Amebiasis	A03, A06
Tuberculosis	A16-A19
Whooping Cough	A37
Scarlet Fever/Erysipelas	A38, A46
Meningococcal	A39
Septicemia (Blood Infection)	A40-A41
Syphilis	A50-A53
Acute Poliomyelitis	A80
Arthropod Borne Viral Encephalitis	A83-A84, A85
Measels	B05
Viral Hepatitis	B15-B19
AIDS/HIV	B20-B24
Malaria	B50-B54
Cancer, Malignant	C00-C97
Lip, Oral Cavity, and Pharynx	C00-C14
Digestive Organs	C15-C26
Esophagus	C15
Stomach	C16
Small Intestine	C17
Colon, Rectal and Anus	C18-C21
Liver and Intrahepatic Bile Ducts	C22
Pancreas	C25
Respiratory and Intrathoracic Organs	C30-C39
Larynx	C32
Trachea, Bronchus and Lung	C33-C34
Bone and Articular Cartilage	C40-C41
Melanoma of Skin	C43
Mesothelial and Soft Tissue	C45
Breast	C50
Genital Organs	C51-C63
Cervix Uteri	C53
Corpus Uteri and Uterus, Part Unspecified	C54-C55
Ovary	C56
Prostate	C61
Urinary Tract	C64-C67
Kidney and Renal Pelvis	C64-C65
Bladder	C67
Meninges, Brain and Other Parts of Central Nervous System	C70-C72
Thyroid and Other Endocrine Glands	C73-C75
Ill-Defined, Secondary and Unspecified	C76-C80
Lymphoid/Hematopoietic/related Tissue	C81-C96
Hodgkin's Disease	C81
Non-Hodgkin's Lymphoma	C82-C85
Leukemia	C91-C95
Multiple Myeloma and Immunoproliferative Neoplasms	C88, C90
Independent (Primary) Multiple Sites	C97
Cancer, Benign	D00-D48
Disease of the Blood and Blood Forming Organs	D50-D89
Anemia	D50-D64
Endocrine, Nutritional and Metabolic Disease	E00-E90

Underlying Cause of Death Categories continued

Cause of Death	ICD-10 Code(s)
Diabetes	E10-E14
Nutritional Deficiencies	E40-E64
Mental/Behavioral Disorder	F00-F99
Disease of the Nervous System	G00-G98
Meningitis	G00, G03
Parkinson's Disease	G20-G21
Alzheimer's Disease	G30
Cerebral Palsy	G80
Disease of the Eyes	H00-H59
Disease of the Ears	H60-H95
Disease of Circulatory System	I00-I99
Major Cardiovascular Disease	I00-I78
Diseases of the heart	I00-I09, I11, I13, I20-I51
Hypertension/Hypertensive Renal Disease	I10, I12
Cerebrovascular Disease (Stroke)	I60-I69
Arteriosclerosis	I70
Aortic Aneurysm and Dissection (Aortic Aneurysm)	I71
Disease of the Respiratory System	J00-J99
Influenza & Pneumonia	J10-J18
Acute Bronchitis and Bronchiolitis (Acute Bronchitis)	J20-J21
Chronic Lower Respiratory Disease (CLRD)	J40-J47
Pneumonitis due to Solids and Liquids	J69
Pneumoconioses and Chemical Effects	J60-J66
Disease of the Digestive System	K00-K93
Peptic Ulcer	K25-K28
Diseases of the Appendix	K35-K38
Hernia	K40-K46
Chronic Liver Disease and Cirrhosis (Liver Disease)	K70, K73-K74
Cholelithiasis and Other Disorders of the Gallbladder	K80-K82
Disease of the Skin and Subcutaneous Tissue	L00-L99
Disease of the Musculoskeletal System and Connective Tissue	M00-M99
Disease of the Genitourinary System	N00-N08
Nephritis, Nephrotic Syndrome and Nephrosis (Nephritis)	N00-N07, N17-N19, N25-N27
Infections of the Kidney (Kidney Infection)	N10-N12, N136, N151
Hyperplasia of Prostate	N40
Inflammation Diseases of Female Pelvic Organs	N70-N76
Pregnancy, Childbirth and the Puerperium	O00-O99
Certain Conditions Originating in the Perinatal Period	P00-P96
Slow Growth/Low Birth Weight	P05-P07
Birth Trauma	P10-P15
Intrauterine Hypoxia/Asphyxia	P20-P21
Respiratory Distress Syndrome	P22
Infections Specific to the Perinatal Period	P35-P39
Congenital Malformation	Q00-Q99
SIDS	R95
Other Sudden Death, Cause Unknown	R96

Underlying Cause of Death Categories continued

Cause of Death	ICD-10 Code(s)
Accident	V01-X59, Y85-Y86
Motor Vehicle Accident	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892
Falls	W00-W19
Firearm	W32-W34
Drowning	W65-W74
Fire	X00-X09
Poisoning	X40-X49
Poisoning by Psychoactive Drug (excl alcohol and tobacco)	X43
Poisoning (excluding psychoactive drug)	X40-X42, X44
All Other and Unspecified Accidents and Adverse Events	V05-V06, V091, V093, V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879-V889, V891, V893, V899, V90-V99, W20-W64, W75-W99, X50-X59, Y85-Y86
Suicide	X60-X84, Y870
Homicide	X85-Y09, Y871
Assault by Firearm	X93-X95
Undetermined Intent	Y10-Y34, Y872, Y899
Legal Intervention	Y35, Y890
Drug-Induced Deaths	F110-F115, F117-F119, F120-F125, F127-F129, F130-F135, F137-F139, F140-F145, F147-F149, F150-F155, F157-F159, F160-F165, F167-F169, F170, F173-F175, F177-F179, F180-F185, F187-F189, F190-F195, F197-F199, X40-X44, X60-X64, X85, Y10-Y14

Combined Data Book

2005 & 2006



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